STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Revision Effective Date: July 11, 2014

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM FFY2015 (Oct 1, 14 - Sep 30, 15) FFY2016 (Oct 1, 15 - Sep 30, 16) FFY2017 (Oct 1, 16 - Sep 30, 17) FFY2018 (Oct 1, 17 - Sep 30, 18) FFY2019 (Oct 1, 18 - Sep 30, 19) FFY2020 (Oct 1, 19 - Sep 30, 20) LOCAL TOTAL (x\$1000) FEDERAL LOCAL (x\$1000) (x\$1000) TOTAL (x\$1000) FEDERAL (x\$1000) TOTAL FEDERAL TOTAL FEDERAL LOCAL (x\$1000) (x\$1000) TOTAL FEDERAL (x\$4000) (x\$1000) FUND CATEGORY & REMARKS TOTAL FEDERAL (x\$1000) LOCAL LOCAL LOCAL PROJECT (x\$1000) (x\$1000) (x\$1000) (x\$1000) (x\$1000) (x\$1000) (x\$1000) STATEWIDE - FHWA Bikeway Improvements at Various Locations, Statewide DES 300 TP FLEXIBLE ROW CON 1,600 Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans 3.100 3.500 Bridge Inspection and Appraisal PLN 2.480 2.480 2.800 NHPF Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements Construction Career Days Workforce Development Program PLN STP FLEXIBLE Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program. 170 STP FLEXIBLE Highway Research and Development Program PLN 850 680 850 680 850 680 680 850 850 680 Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program Highway Safety Improvement Program (HSIP), Non - Infrastructure PLN/DES Funding Program Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs Highway Shoreline Protection, Statewide DES 200 160 160 40 STP FLEXIBLE CON Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreli Pedestrian Facilities and ADA Compliance at Various Locations DES 160 TP FLEXIBLE 200 CON 1.000 1.000 Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide pro Federal Lands Highway Access Discretionary Program DES/CON FED LANDS HWY DISCRETIONARY Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these fund Safe Routes to School (SRTS) Program fety Non-infrastructure Pln/Des SAFE ROUTES TO SCHOOL 200 200 200 200 100 Infrastructure Pn/Ds/Co 1.100 1 100 1 300 1.300 1 200 1 200 1 300 1.300 650 650 Estimated Total Project Cost - \$3,000,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools S10. SNIPP - Statewide Noxious Invasive Pest Program OPR 630 TP FLEXIBLE Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxic us Invasive Pest Program Statewide Highway Lighting and Traffic Signal Upgrade Program CON 5.000 5,000 5,000 5.000 5.000 5 000 5 000 5.000 5.000 5.000 5 000 5.000 LOCAL DES-CON 5,000 5,000 5,00 5,000 5,000 5,000 5,000 5,00 5,000 5,00 Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals S12. Statewide Signing, Striping and Pavement Marking Program OCAL CON 5.000 5.00 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 DES-CON 5,000 5,000 5,000 5,000 5.000 5.000 5.000 5,000 5.000 5.000 5,000 5.00 Estimated Total Project Cost - \$60,000,000 -- System maintenance to unkeep traffic control ices such as highway signing and striping S13 Statewide Guardrail and Shoulder Improvement Program CON 5 000 5 000 5 000 5.000 5 000 5 000 5 000 5 000 5 000 5.000 5 000 5 000 LOCAL DES-CON 5,000 5,00 5,000 5,000 5,000 5.000 5,000 5,000 5.000 5.000 5,000 5.000 Estimated Total Project Cost - \$60,000,000 -- System maintenance to 3,000 OCAL S14. Structural Countermeasures for Scour Critical Bridges CON 3,000 3,000 3,000 Estimated Total Project Cost - \$7 800 000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations Statewide 2012", this project will develop and design may S15. Technology Transfer and Technical Assistance Program PLN 150 120 150 STP FLEXIBLE Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for gove ernment and private transportation personne Traffic Counting Stations, Various Locations CON STP FLEXIBLE 2.96 Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes STATEWIDE - FHWA TOTAL 39,797 8,227 31.570 48.572 12,887 35,685 38,195 6,965 31,230 40.945 6.745 34.200 38.545 5,515 33,030 37,245 5,885 31,360

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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Colo	-,											= ENHANCEMENT BLUE :					RQUOISE = TR		
		FFY2015	i (Oct 1, 14 - S	Sep 30, 15)							FFY2018	(Oct 1, 17 - Sep 30, 18)	FFY201	9 (Oct 1, 18 - S	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se	op 30, 20)	F
PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LDCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
STATEWIDE - FTA	-																		
S17. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0												FTA SECTION 5311 (b)(3)
Human																			
Estimated Total Project Cost - \$787,000 FTA Section 5311(b)(2) Rural		sistance Progra 258		nds from the RTA	AP program will 265	be utilized to pr 265		l assistance to the	he Rural Transp	ortation provider	rs.			1		1			FTA SECTION 5311
S18. State Administration	PLN	258	258	0	265	265	0												FTA SECTION 5311
Estimated Total Project Cost - \$1,980,000 FTA Section 5311 Nonurbal	ized Area Formu	a Program.																	
S19. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58												FTA SECTION 5310
Human	-																		
Estimated Total Project Cost - \$2,867,000 Enhanced Mobility of Senio	rs and Individuals	with Disabilities	(Section 5310	- Non-Urban) Fi	unds from prog	am will he utiliz	ed for the nur	hase of vehicles	<u> </u>										
S20. JARC (non-urban)	EQP/OPR	280					, , , , , , , , , , , , , , , , , , , ,												FTA SECTION 5316 (JARC)
Human																			
Estimated Total Project Cost - \$898,000 - Job Access and Reverse Com	mute Program (Se	ection 5316). Fu	nds for the JAR	C program will b	e utilized for th	e purchase of v	ehicles, genera	al equipment and	d/or operating e	xpenses.									
S21. New Freedom (non-urban)	EQP/OPR	160	80	80															FTA SECTION 5317 (New Freedom)
Human																			
Estimated Total Project Cost - \$536,000 New Freedom Program (Sect	on 5 <u>317). Funds i</u>	rom the New Fr	eedom progran	n will be utilized	for the purchas	e of vehicles, ge	neral equipme	ent and/or opera	ting expenses.										
S22. Statewide Planning	PLN	147	117	30	152	121	31	1											FTA SECTION 5304
Transit		1 17	,	50	102	121	- 31				İ								
Estimated Total Project Cost - \$962,000 FTA Statewide Planning (Sec	ion 5304). Funds	will be utilized f	or short range t	transit plans and	civil rights stud	ies													
	-	1					-												
STATEWIDE - FTA TOTAL	+	1,222	917	305	810	721	89	0	0	0	0	0 0		0	0		0	0	
OTHER THE THE		1,222	317	303	0.0	721	- 05	ı	_		_	<u> </u>				l 	, i	Ů	

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* 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1	1	FFY2015 (C				(Oct 1, 15 - Sep 30, 16)													1
₽R@JEC†	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000) (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS									
FUNDING CATEGORY SUMMARY - STATEWIDE																			
NHPP (National Highway Performance Program)			2,480			2,480		2,800			2,800			2,800			2,800		
BRIDGE OFF-SYSTEM			0			0		0			0			0			0		
STP ENHANCEMENT			0			0		0			0			0			0		
STP FLEXIBLE			3,552			8,012		1,870			1,550			1,070			2,190		
SECTION 1404 - (Safe Routes to School)			1,300			1,500		1,400			1,500			750			0		
HSIP (Highway Safety Improvement Program)			630			630		630			630			630			630		
NATIONAL RECREATIONAL TRAILS			0			0		0			0			0			0		
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0			0		
FTA TRANSFER FUNDS			0			0		0			0			0			0		
EQUITY BONUS			0			0		0			0			0			0		
EARMARK - HIGH PRIORITY			0			0		0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0			0		
EARMARK - SECTION 112			0			0		0			0			0			0		
EARMARK - SECTION 115			0			0		0			0			0			0		
EARMARK - SECTION 117			0			0		0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			265			265		265			265			265			265		
NRCS (National Resources Conservation Service)			0			0		0			0			0			0		
TIGER			0			0		0			0			0			0		
H-3 DISCRETIONARY			0			0		0			0			0			0		
IMD (NHPP Discretionary)			0			0		0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0			0			0		
	SUBTOTAL		8,227			12,887		6,965			6,745			5,515			5,885		
LESS DISCRETIONARY, DEMOETC. PROJECTS			(265)			(265)		(265)			(265)			(265)			(265)		
LESS FTA TRANSFER FUNDS			0			0		0			0			0			0		
						•		•											
			0			U		0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		7.962			12.622		6.700			6.480			5.250			5.620		

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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

***************************************				Sep 30, 15)		(Oct 1, 15 - Se			(Oct 1, 16 - S	op 30, 17)	FFY2018 (Oct 1, 17 - S			Oct 1, 18 - S		FFY2020	(Oct 1, 19 - Se	op 30, 20)	
₽RøJEC†	PHASE			LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)			FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)			FEDERAL (x\$1000)		TOTAL (x\$1000)	FEDERAL (x\$1000)		FUND CATEGORY & REMARKS
OAHU : STATE - FHWA																			
. Bridge and Pavement Improvement Program, Oahu	CON	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400 0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL
Pres																			
Estimated Total Project Cost - \$237,800,000System maintenance of highw Yearly lump sum amounts represent total Special Maintenance Program (Sh	MP) State funding	ing levels anticipate	ed for Oahu	ı program. The SI	MP is a progran	n that funds indi	vidual repair o	or maintenance p	rojects that do i	not normally occu		nded resurfacing	and pavement	t and bridge pre	eservation proje	cts (System Pre	eservation).		
The current list of prioritized proposed SMP projects has been posted on the		at: http://hidot.haw	aii.gov/high	ways/other/other-	related-links/stip	/. Qualified and	d priority SMP												
2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW			-				585	468	117			8.405	6,724	1.681				NHPP
Pres Ulehawa Stream Bridge	CON	\leftarrow											8,405	6,724	1,681				
Estimated Total Project Cost - \$10,500,000 Rehabilitate bridge to meet cu	rrent design str	andards. This inclu	des bridae	strenathenina. wi	denina. improvi	na shoulders. a	nd uparadina i	railinas.											
Farrington Highway (Route 93), Bridge Replacement	CON	13.500	4.800			ng shoulders, a	ind appraising i	diiirigs.											NHPP
Pres Maipalaoa Bridge	ADVCON	.0,000	.,,,,,,	0,7.00	0	6,000	(6,000)												
							, , , , , ,												
Estimated Total Project Cost - \$16,560,000 Replace the existing bridge wi		tructure that meets																	
Farrington Highway (Route 93), Bridge Replacement	ROW	1,100	880									ļ							NHPP
Pres Makaha Bridges #3 & #3A	CON	16,550	10,240	6,310				⊢—		1									
	ADVCON			1	0	3,000	(3,000)					1							
Entimated Total Project Coat \$20,000 Coat Project 1 1 1	violeit: -f * * *	koho Poort Pri'		+						-	 	1							
Estimated Total Project Cost - \$20,200,000 Replace a timber bridge in the Freeway Management System,	vicinity of Mak	ana Beach Park.		+								1							NHPP
gest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),	\vdash	+		1			-					 							IN IF F
Phase 1C - Part 2	ADVCON	0	5,000	(5,000)						1									1
THAT IS THE	JUVOUN	_ _	5,000	(3,300)															
Phase 2A - Part 1	CON	5,000	4,000	1,000															
Phase 2B	DES	1,980	1,584	396															
	CON							10,000	4,000	6,000	0 4,000	(4,000)							
	ADVCON																		
Phase 3	DES	2,000	1,600	400															
	CON	\leftarrow											10,000	4,000	6,000				
5 % 4 17 4 18 3 4 0 4 004 500 000 TI 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ADVCON		OT 0									I				0	4,000	(4,000)	
Estimated Total Project Cost - \$61,500,000 The project consists of installa															i be implement	ea in pnases.			
The Freeway Management System's System Manager will assist the State w. B. Freeway Service Patrol	CON	3.500	3.150			3.150					3.500 3.150				350	3 500	3,150	350	NHPP
egest	0011	3,300	0,100	330	3,300	5,130	550	3,300	3,130	330	5,500 5,150	330	3,300	3,130	550	5,500	3,130	550	
Estimated Total Project Cost - \$21,000,000 Operate roving service patrols	Services inclu	ude towing of disci					shoruso donle								orists with hasi	c first aid. & not	ifvina 911 of in	cidents	
10. Guardrail and Shoulder Improvements, Various Locations			oled vehicle	s. removina debr	is, providina ba	sic fire extinauis		ovina traffic conti	ol devices, ass	isting the HPD. I	HFD, and FMS at crash scenes	& other incidents	s, assisting sick	k or iniured mot					
onodiati improvenione, vanede countries		age townig or alsat	led vehicle	es, removing debr	is, providing ba	sic fire extinguis	silei use, uepit	oying traffic contr	ol devices, ass	isting the HPD, I	HFD, and EMS at crash scenes	& other incidents	assisting sick	k or injured mot	onoto man baon			i domo.	
Phase 1	CON	2,185	1,748	437	is, providing ba	sic fire extinguis	sner use, uepro	oying traffic conti	ol devices, ass	sisting the HPD, I	HFD, and EMS at crash scenes	& other incidents	s, assisting sick	k or injured mot	onoto mun baor			oraerne.	HSIP
	CON DES			437	is, providing ba	sic fire extinguis	iner use, depic				HFD, and EMS at crash scenes	& other incidents	s, assisting sick	k or injured mot	onete with Edo.			ordonio.	HSIP
Phase 1	CON DES CON	2,185	1,748	437	is, providing ba	sic fire extinguis	iner use, depic	oying traffic conti	ol devices, ass 2,448	isting the HPD, I	HFD, and EMS at crash scenes		s, assisting sick	k or injured mot	onate was page			Jacobie.	HSIP
Phase 1	CON DES CON DES	2,185	1,748	437	is, providing ba	sic tire extinguis	sier use, depit				HFD, and EMS at crash scenes	& other incidents	assisting sick	k or injured mot	onda mar saa.				HSIP
Phase 1 Phase 2	CON DES CON	2,185	1,748	437	is, providing ba	sic fire extinguis	ner use, depic						s, assisting sick	k or injured mot	onda mar sad.	3,000	2,400		HSIP
Phase 1 Phase 2 Phase 3	CON DES CON DES CON CON	2,185 250	1,748 200	437 50				3,060	2,448	612			s, assisting sick	k or injured mot	5100 110 200		2,400		HSIP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to	CON DES CON DES CON DES CON	2,185 250 ost connections, bri	1,748 200 idge railing	437 50 , guardrail end tei	rminals, crash a	ttenuators, mise	cellaneous dra	3,060	2,448	612	250 200	50			300			600	
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 11. ITS Operation and Maintenance	CON DES CON DES CON CON	2,185 250	1,748 200	437 50 , guardrail end tei	rminals, crash a		cellaneous dra	3,060	2,448	612			assisting sick	c or injured mot	30		2,400	600	HSIP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance	CON DES CON DES CON DES CON	2,185 250 ost connections, bri	1,748 200 idge railing	437 50 , guardrail end tei	rminals, crash a	ttenuators, mise	cellaneous dra	3,060	2,448	612	250 200	50			30			600	
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance	CON DES CON DES CON DES CON Obridge end po OPR	2,185 250 ost connections, bri 285	1,748 200 idge railing 255	437 50 50 , quardrail end tel	rminals, crash a 285	attenuators, miss 255	cellaneous dra	3,060 inage, and other 285	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285	255	30			600	
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance gest Estimated Total Project Cost - \$1,700,000 Annual costs to operate and me	CON DES CON DES CON DES CON Obridge end po OPR	2,185 250 ost connections, bri 285	1,748 200 idge railing 255	437 50 50 , quardrail end tel	rminals, crash a 285	attenuators, miss 255	cellaneous dra	3,060 inage, and other 285	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285	255	30			600	
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and me 2. Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement,	CON DES CON DES CON DES CON Ob bridge end po OPR aintain the ongo	2,185 250 ost connections, bri 285	1,748 200 idge railing 255	437 50 50 , quardrail end tel	minals, crash a 285	ittenuators, miss 255 ation and mainte	cellaneous dra 30	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285	255	30			600	NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 11. In Coperation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance interestate Routes H-1, H-2, and H-201 Destination Sign	CON DES CON DES CON DES CON Obridge end po OPR	2,185 250 ost connections, bri 285	1,748 200 idge railing 255	437 50 50 , quardrail end tel	rminals, crash a 285	attenuators, miss 255	cellaneous dra	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285	255	30			600	NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and me Interstate Routes H-1, H-2, and H-201 Destination Sign Toss Upgrade/Replacement,	CON DES CON DES CON DES CON Obridge end po OPR Desintain the ongo	2,185 250 ost connections, bri 285	1,748 200 idge railing 255	437 50 50 , quardrail end tel	minals, crash a 285	ittenuators, miss 255 ation and mainte	cellaneous dra 30	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance testimated Total	CON DES CON DES CON Obridge end po OPR DES CON CON OOR OOR OOR OOR OOR OOR OOR OOR OOR O	2,185 250 ost connections, bri 285	1,748 200 idge railing 255	437 50 50 , quardrail end tel	minals, crash a 285 sts for the open	ation and mainte	cellaneous dra 30 enance of CC1 270	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285	255	30			600	NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and mail interstate Routes H-1, H-2, and H-201 Destination Sign Phase III Phase III	CON DES CON DES CON DES CON Obridge end po OPR CON CON DES CON DES CON	2,185 250 250 ost connections, bri 285 ping and existing IT.	1,748 200 idge railing 255 S program.	437 50 , quardrail end te	minals, crash at 285 sts for the operation 2,704 554	ation and mainte	cellaneous dra 30 enance of CC1 270	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 11. ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and ms. Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement, Phase III Phase III Estimated Total Project Cost - \$12,700,000 Replace and/or upgrade the e.	CON DES CON DES CON Obridge end po OPR CON CON DES CON DES CON CON DES CON DES CON DES CON DES CON	2,185 250 250 ost connections, bri 285 ping and existing IT.	1,748 200 idge railing 255 S program.	437 50 , quardrail end te	minals, crash a 285 sts for the oper 2,704 554 sts Routes H-1,	ation and mainte	ellaneous dra 30 enance of CCT 270 55	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance 1. Interstate Routes H-1, H-2, and H-201 Destination Sign Phase III Phase III Estimated Total Project Cost - \$12,700,000 Replace and/or upgrade the element 1. Interstate Route H-1, Bridge Rehabilitation 1. Interstate Route H-1, Bridge Rehabilitation 1.	CON DES CON DES CON DES CON Ob ridge end po OPR CON CON DES CON DES CON DES CON DES CON CON	2,185 250 250 ost connections, bri 285 ping and existing IT.	1,748 200 idge railing 255 S program.	437 50 , quardrail end te	minals, crash at 285 sts for the operation 2,704 554	ation and mainte	cellaneous dra 30 enance of CC1 270	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	provements. 30 ment. This also in	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and mail Interstate Routes H-1, H-2, and H-201 Destination Sign Phase III Phase III Estimated Total Project Cost - \$12,700,000 Replace and/or upgrade the elements. Interstate Route H-1, Bridge Rehabilitation,	CON DES CON DES CON Obridge end po OPR CON CON DES CON DES CON CON DES CON DES CON DES CON DES CON	2,185 250 250 ost connections, bri 285 ping and existing IT.	1,748 200 idge railing 255 S program.	437 50 , quardrail end te	minals, crash a 285 sts for the oper 2,704 554 sts Routes H-1,	ation and mainte	ellaneous dra 30 enance of CCT 270 55	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	612 aprovements.	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 11. ITS Operation and Maintenance gest Estimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance upgrade/Replacement, Phase II Phase III Estimated Total Project Cost - \$12,700,000 Replace and/or upgrade the expression and the second project Cost - \$12,700,000 Replace and/or upgrade the expression and Interstate Route H-1, Bridge Rehabilitation, Stress Kapalama Canal (Halona Street Bridge)	CON DES CON DES CON DES CON Ob ridge end po OPR CON CON DES CON DES CON DES CON DES CON CON	2,185 250 250 ost connections, bri 285 ping and existing IT.	1,748 200 idge railing 255 S program.	437 50 , quardrail end te	minals, crash a 285 sts for the oper 2,704 554 sts Routes H-1,	ation and mainte	ellaneous dra 30 enance of CCT 270 55	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	provements. 30 ment. This also in	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and mails to 1. Its Operated Replacement, Phase III Estimated Total Project Cost - \$1,700,000 Replace and/or upgrade the e. 1. Interstate Route H-1, Bridge Rehabilitation, 1. Interstate Route H-1, Bridge Rehabilitation, 1. Interstate Route H-1, Bridge Rehabilitation, 1. Estimated Total Project Cost - \$6,200,000 Rehabilitate existing bridge.	CON DES CON DES CON O bridge end po OPR OPR CON DES CON ADVCON DES CON ADVCON	2,185 250 250 ost connections, bri 285 ping and existing IT.	1,748 200 idge railing 255 S program.	437 50 , quardrail end te	sts for the oper 2,704 554 ate Routes H-1, 5,400	ation and mainted 2,434 499 H-2 and H-201.	enance of CCT 270 55	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	provements. 30 ment. This also in	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardralls to ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and mellar. Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement, Phase III Phase III Estimated Total Project Cost - \$12,700,000 Replace and/or upgrade the elementary in the state Route H-1, Bridge Rehabilitation, Press Kapalama Canal (Halona Street Bridge) Estimated Total Project Cost - \$6,200,000 Rehabilitate existing bridge. Interstate Route H-1, Guardrall and Shoulder Improvements,	CON DES CON DES CON Obridge end po OPR CON DES CON CON DES CON CON DES CON DES CON	2,185 250 250 ost connections, bri 285 ping and existing IT.	1,748 200 idge railing 255 S program.	437 50 , quardrail end te	minals, crash a 285 sts for the oper 2,704 554 sts Routes H-1,	ation and mainte	ellaneous dra 30 enance of CCT 270 55	3,060 inage, and other 285 TVs and vehicle o	appurtenant in 255	provements. 30 ment. This also is	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP NHPP
Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$6,600,000 Install and upgrade guardrails to 1. ITS Operation and Maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance Estimated Total Project Cost - \$1,700,000 Annual costs to operate and maintenance Interstate Routes H-1, H-2, and H-201 Destination Sign Phase III Estimated Total Project Cost - \$12,700,000 Replace and/or upgrade the existing the set of the se	CON DES CON DES CON O bridge end po OPR OPR CON DES CON ADVCON DES CON ADVCON	2,185 250 250 ost connections, bri 285 ping and existing IT.	1,748 200 idge railing 255 S program.	437 50 , quardrail end te	sts for the oper 2,704 554 ate Routes H-1, 5,400	ation and mainted 2,434 499 H-2 and H-201.	enance of CCT 270 55	3,060 inage, and other 285 TVs and vehicle o	2,448 appurtenant in 255	provements. 30 ment. This also in	250 200 250 200 285 255	50	285 hosting service	255	30			600	NHPP NHPP

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke	ev: GREEN =	SYSTEM PRESERVATION	PURPLE = SA	FETY IMPROVE	EMENTS BRO	OWN = CONG	ESTION MITIGA	ATION PINK	= MODERNIZAT	TON ORANGE = ENHANCE	MENT BLUE =	: HUMAN SER\	ICES TRANSF	ORTATION PR	OGRAM TU	RQUOISE = TR	ANSIT	
										FFY2018 (Oct 1, 17 - 9	Sep 30, 18)	FFY2019	Oct 1, 18 - 9	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se		
			LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARKS
PROJECT	PHASE	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)		
OS15. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON		_	5,520	4,416	1,104					-							NHPP
Middle Street (Route 7415) to Punchbowi Street (Route 7516)			+															
Estimated Total Project Cost - \$5,900,000 Install and/or upgrade existing	guardrails, cras	sh cushions, and concrete ba	rriers to meet curr	ent standards.														
OS16. Interstate Route H-1, Highway Lighting Improvements,	CON			7,140	712	6,428												NHPP
SysPres Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	ADVCON						0	5,000	(5,000)									
February Tests Business Coast - \$45,000,000 - University for a single free special formation for a single free for		4!!! i	ata faran Kaimatan	i O	# 4:	10 (MD 40 0	10) A 6 d Db -	0		a the committee of the limite for			0.00) 4- 14:-1-11	044				
Estimated Total Project Cost - \$15,000,000 Upgrade/replace existing free OS17. Interstate Route H-1, Kapolei Interchange Complex	CON	4.800 4.300			pprox. the Airpo	ORTIC (IVIP 16.0	io). A luture Pha	se 2 will cover i	Improvements to	r the remainder of the limits fro	nrn approx. trie A	rport IC (IVIP I	6.00) to ivildale	Street.				INTERSTATE DISCRETIONARY
Modern Phase 2	CON	52,200 21,980									1							NHPP
	ADVCON			0	13,000	(13,000)	0	12,000	(12,000)									NHPP
Phase 3	DES			571	457	114												NHPP
	ROW									238 190	48							NHPP
Estimated Total Project Cost - \$90,000,000 Phase 2 will complete the con	atrustian of the	Wakaa Straat Canaratian an	d its seessisted re	mno Dhooo 2 o	nd 4 will comple	ato the ultimete	buildout of the	Kanalai IC Cam	nlov including th	o completion of Balailai and M	akakila Interaha							
OS18. Interstate Route H-1, Pearl City and Waimalu Viaduct	CON	wakea Street Separation and	d its associated ra	mps. Phase 3 a	na 4 wili comple	ete tne uitimate	e buildout or trie	Kapolel IC Corr.	ipiex including tr	ne completion of Palallal and M	akakiio interchar	ges. 24,673	14,206	10,467				NHPP
SysPres Improvements, Phase 2	ADVCON											2 1,070	11,200	10, 107		8,000	(8,000)	
																5,500	(5,530)	
Estimated Total Project Cost - \$100,000,000 Replace, repair, and/or stren		l City and Waimalu Viaduct c	oncrete deck and	other structural	components, inc	cluding guardra	ails. Project will	be implemente	d in 5 phases.									
OS19. Interstate Route H-1, PM Contraflow, Westbound	CON														19,000	17,100	1,900	NHPP
Modern Waiawa IC Improvements (four WB through lanes), Phase I																		
Estimated Total Project Cost . \$167,000,000 This is part of the DM control	low project A	dd a waethaund lana, far a ta	tal of four lance.	hrough the Main	un Interchance	This project	involvos rostrinis	ng the Interstate	H 1 from the 14/	ajawa Interehange to Mailrela								
Estimated Total Project Cost - \$167,000,000 This is part of the PM contrait OS20. Interstate Route H-1 Safety Improvement,	CON	uu a weswounu iane, for a to	tar of four lanes, t	4.000	wa interchange 3.600		involves restripii	ry are interstate	TETTOIT WE W	агама ппетспанце то магкеге.								HSIP
Safety Beginning of H-1 (Palailai IC) to Waiawa Overpass				1,000	0,000	.00												
, , , , ,																		
Estimated Total Project Cost - \$4,500,000 Scope includes, but is no		nstallation of milled rumble	strips on should	ers; reconstruc	tion of paved s	houlders; par	ement marking	gs; and signing	7.									
OS21. Interstate Route H-1, Waiawa Interchange,	DES											3,642	2,913	729				NHPP
Modern Westbound, Waipahu Off-Ramp Improvements																		
Estimated Total Project Cost - \$23,600,000 Widen the westbound Waipah	u off-ramp from	n one to two lanes																
OS22. Interstate Route H-3, Seismic Retrofit, Kuou Bridge and	DES	TOTIC TO TWO TUTICS.		1,080	864	216												NHPP
SysPres Halekou Interchange, Structures 1, 2 and 3	CON			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								6,240	4,992	1,248				
Estimated Total Project Cost - \$7,320,000 Retrofit interchange structures to		seismic standards.																
OS23. Kalanianaole Highway (Route 72) Bicycle Improvements,	CON			250 2.500	200	50 500					+							EARMARK-HIGH PRIORITY STP ENHANCEMENT
Enhance Waimanalo Beach Park to Kainoa Beach Park	CON		+	2,500	2,000	500												STP ENHANCEMENT
Estimated total project cost - \$3,200,000 Improve bike route on Kalaniana	ole Highway, fr	om Waimanalo Beach Park	To Kainoa Beach I	Park.														
OS24. Kalanianaole Highway (Route 72), Bridge Replacement	CON			9,550	1,140	8,410												NHPP
SysPres Inoaole Stream Bridge, Waimanalo	ADVCON						0	6,500	(6,500)									
Estimated Total Project Cost - \$11,500,000 Replace the existing bridge.	ADVCON	0 4.500	(4.500)								+							NHPP
OS25. Kalanianaole Highway (Route 72) Improvements, Safety Olomana Golf Course to Waimanalo Beach Park	ADVCON	υ 4,500	(4,500)					-	1		+							INDEE
Phase I, Olomana Golf Course to Poalima Street			+					<u> </u>			1							
, J.																		
Estimated Total Project Cost - \$45,000,000 Construct traffic operational at					e to Poalima Str	eet. Project in	cludes turning la	anes, bus pullou	uts, and lighting i	improvements.								
OS26. Kalanianaole Highway (Route 72) Improvements,	DES	918 734	1 184															NHPP
Safety Olomana Golf Course to Waimanalo Beach Park	CON		+						-		+				13,300	10,640	2,660	
Phase II, Poalima Street to Aloiloi Street			+					-	1		+							
Estimated Total Project Cost - \$45,000,000 Construct traffic operational at	nd safety impro	vements on Kalanianaole Hir	nhway from Poali	ma Street to Alo	iloi Street Proi	ect includes tu	rning lanes hus	nullouts and li	ahtina improvem	ents	1							
OS27. Kamehameha Highway (Route 83), Bridge Rehabilitation	ROW	275 220			0 00. 110			, anound, and II			1							NHPP
SysPres Makaua Stream Bridge	CON						6,000	800	5,200									
	ADVCON									0 4,000	(4,000)							
			1								1							
Estimated Total Project Cost - \$7,400,000 Rehabilitate the existing 44-foo	long bridge by CON	widening and strengthening	to meet current S	tate standards. 16.580	3.264	13,316		-	-		 							NHPP
OS28. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaipapau Stream Bridge	ADVCON		+	16,580	3,264	13,316	^	10,000	(10,000)		1							INDEE
napapaa ontan bhago	ADVOCIN		1				U	10,000	(10,000)		1							
Estimated Total Project Cost - \$21,600,000 Replace the existing bridge.																		
OS29. Kamehameha Highway (Route 83), Bridge Replacement																		NHPP
SysPres Kaluanui Stream Bridge	ROW	612 490	122								<u> </u>							
	CON		+					1			1	9,200	2,360	6,840		E 0	(5.053)	
	ADVCON		+					-	1		+				0	5,000	(5,000)	
Estimated Total Project Cost - \$11,000,000 Replace the existing bridge.			+					-			 							
Louisiated Fotal Froject Cost \$11,000,000 Neplace the existing bridge.									•									

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

	9,735 7,7 9,183 8 1,148 9 ahiawa.	AL : LOCAL 1.0CAL 1.0CAL 1.0CAL 1.0CAL 1.947	26,000		LOCAL	. TOTAL FED . (x6								1.0ÇAL (************************************	FUND CATEGORY & REMARKS NHPP NHPP NHPP EARMARK-HIGH PRIORITY NHPP NHPP
Septimental New New Stream Bridge Septiment CON Septiment	9,735 7,7 9,183 8 1,148 9 ahiawa. 110	918 230 88 22	0 26,000	6.500	(6,500) (6,500)	0 18.000	19,000	(19.000)	0	9,000	(9,000)	7TAL - : F 4 (000) - : 4			NHPP NHPP NHPP EARMARK-HIGH PRIORITY NHPP
CS30. Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge Estimated Total Project Cost - \$10,700.000 Replace the existing bridge. CS31. Kamehameha Highway (Route 83), Bridge Replacement ADVCON Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie. CS32. Kamehameha Highway (Route 83), Bridge Replacement CON Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie. CS32. Kamehameha Highway (Route 83), Bridge Replacement CON Replace the existing bridge. CS33. Kamehameha Highway (Route 83), Bridge Replacement CON Replace the existing bridge. CS34. Kamehameha Highway (Route 99), Bridge Replacement PREROW 104 82 22 CON Replace the existing bridge. CS34. Kamehameha Highway (Route 83), Bridge Replacement PREROW 104 82 22 CON Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wai PREROW Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wai PREROW Replace the existing bridge Replacement Replace the existing bridge Replacement PREROW Replace the existing bridge Replacement Replace the existing 44-foot long bridge by widening and strengthening to meet current State stance Replace Total Project Cost - \$10,200,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. CS37. Kamehameha Highway (Route 83), Bridge Replacement CON Route Replacement Highway (Route 83), Bridge Replacement Replacement Replacement Replacement Rep	9,735 7,7 9,183 8 1,148 9 1,148 9 110	918 230 88 22	26,000	6,500	(6,500)	0 18.000	19,000	(19.000)	0	9,000	(9,000)	0			NHPP NHPP NHPP EARMARK-HIGH PRIORITY NHPP
Estimated Total Project Cost - \$10,700,000 Replace the existing bridge. OS31. Kamehameha Highway (Route 83), Bridge Replacement Estimated Total Project Cost - \$10,300,000 Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie. OS32. Kamehameha Highway (Route 83), Bridge Replacement ROW 984 787 197 CON 984 787 197 CON ADVCON SysPres South Kahana Stream Bridge South Kahana Stream Bridge OS33. Kamehameha Highway (Route 98), Bridge Replacement PREROW 104 82 22 SysPres Upper Poamoho Stream Bridge ROW CON ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wall Route 98), Bridge Replacement PREROW 104 82 22 ROW CON ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wall Route 98), Bridge Replacement PREROW PREROW Now	9,183 8 1,148 9 1,148 10 110 110 1nderds.	918 230	26,000	1,800	24,200	18,000	5,400	12,600	0 0 8,925	5,000	(5,000)	0	5,000		NHPP NHPP EARMARK-HIGH PRIORITY NHPP
Estimated Total Project Cost - \$10,700,000 Replace the existing bridge. OS31. Kameharneha Highway (Route 83), Bridge Replacement ADVCON AD	1,148 9 ahiawa. 110	918 230	28,000	1,800	24,200	18,000	5,400	12,600	0 0 0 8,925	5,000	(5,000)	0	5,000		NHPP NHPP EARMARK-HIGH PRIORITY NHPP
CON ADVCON Signature Highway (Route 83), Bridge Replacement ADVCON Signature Highway (Route 83), Bridge Replacement State bridge on Kamehameha Highway (Route 83), Bridge Replacement Row 984 787 197. OS32. Kamehameha Highway (Route 83), Bridge Replacement Row 984 787 197. OS33. Kamehameha Highway (Route 83), Bridge Replacement Row 984 787 197. OS33. Kamehameha Highway (Route 99), Bridge Replacement Row 99, Bridge Replacement Row 90, ADVCON 90, 90, 90, 90, 90, 90, 90, 90, 90, 90,	1,148 9 ahiawa. 110	918 230	28,000	1,800	24,200	18,000	5,400	12,600	0 0 0 8,925	5,000	(5,000)	0	5,000		NHPP NHPP EARMARK-HIGH PRIORITY NHPP
CON ADVCON Statemated Total Project Cost - \$10,300,000 Replace the existing concrete state bridge on Kamehameha Highway (Route 83), Bridge Replacement Righway (Route 83), Bridge Replacement South Kahana Stream Bridge ADVCON SysPres SysPres South Kahana Stream Bridge ADVCON SysPres S	1,148 9 ahiawa. 110	918 230	28,000	1,800	24,200	18,000	5,400	12,600	0 0 8,925	5,000	(5,000)	0	5,000		NHPP NHPP EARMARK-HIGH PRIORITY NHPP
ADVCON Estimated Total Project Cost - \$10,300,000 Replace the existing concrete stab bridge on Kamehameha Highway in the vicinity of Laie. SysPies Suph Ramehameha Highway (Route 83), Bridge Replacement CON ADVCON Estimated Total Project Cost - \$28,300,000 Replace the existing bridge. OS33. Kamehameha Highway (Route 83), Bridge Replacement PREROW 104 82 22 ROW CON ADVCON SysPies Waikines Highway (Route 83), Bridge Replacement PREROW 104 82 22 ROW CON ADVCON PREROW ROW ROW CON ADVCON PREROW ROW ROW SHAPPING ROW	1,148 9 ahiawa. 110	918 230	28,000	1,800	24,200	18,000	5,400	12,600	0 0 0 8,925	5,000	(5,000)	0	5,000		NHPP NHPP EARMARK-HIGH PRIORITY NHPP
Estimated Total Project Cost - \$10,300,000 Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Lale. OS32. Kamehameha Highway (Route 83), Bridge Replacement Sysphres South Kahana Stream Bridge South Kahana Stream Bridge South Kahana Stream Bridge ADVCON Satimated Total Project Cost - \$28,300,000 Replace the existing bridge. CGN ADVCON Estimated Total Project Cost - \$22,300,000 Replace the existing bridge. CGN ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wall CGN ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wall CGN ADVCON Estimated Total Project Cost - \$13,300,000 replace the existing bridge CGN ADVCON Estimated Total Project Cost - \$13,300,000 replace the existing bridge CGN ADVCON Estimated Total Project Cost - \$10,200,000 Replace the existing bridge CGN ADVCON Estimated Total Project Cost - \$10,200,000 Replace the existing tridge CGN ADVCON Estimated Total Project Cost - \$10,200,000 Replace the existing tridge by widening and strengthening to meet current State stant CGN Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. CGS7. Kamehameha Highway (Route 83), Bridge Replacement CGN ACON ACON ACON ACON ADVCON ADVCON ACON ACON ACON ACON ACON ACON ACON A	ahiawa. 110	88 22	562	1,800	24,200	18,000	5,400	12,600	0 0 0 8,925	5,000	(5,000)	0	5,000		NHPP EARMARK-HIGH PRIORITY NHPP
SysPres SysPres South Kahana Stream Bridge SysPres SysPres SysPres SysPres South Kahana Stream Bridge SysPres Sys	ahiawa. 110	88 22	562			18,000	5,400	12,600	0 0 8,925	5,000	(5,000)	0	5,000		NHPP EARMARK-HIGH PRIORITY NHPP
SysPres South Kahana Stream Bridge CON ADVCON Estimated Total Project Cost - \$28,300,000 Replace the existing bridge. Upper Poamoho Stream Bridge Replacement ROW CON ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wal Row CON ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wal ROW CON	ahiawa. 110	88 22	562			18,000	5,400	12,600	0 0 8,925	5,000	(5,000)	0	5,000		NHPP EARMARK-HIGH PRIORITY NHPP
ADVCON PRESIMATE A Total Project Cost - \$28,300,000 Replace the existing bridge. SysPres Upper Poamoho Stream Bridge Upper Poamoho Stream Bridge Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wal Row	ahiawa. 110	88 22	562			18,000	5,400	12,600	0 0 0 8,925	5,000	(5,000)	0	5,000		EARMARK-HIGH PRIORITY NHPP NHPP
Estimated Total Project Cost - \$28,300,000 Replace the existing bridge. Upper Poamoho Stream Bridge Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wall ROW CON ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wall ROW CON ADVCON Estimated Total Project Cost - \$13,300,000 replace the existing bridge OS34. Kamehameha Highway (Route 83), Bridge Replacement SysPres Walkane Stream Bridge Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stant OS36. Kamehameha Highway (Route 83), Bridge Replacement Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. OS37. Kamehameha Highway (Route 83), Brokkfall Protection ROW ADVCON CON ADVCON ADVCON CON ADVCON ADVCON CON ADVCON C	ahiawa. 110	88 22	562	450	112	18,000	5,400	12,600	0	5,000	(5,000)	0	5,000		EARMARK-HIGH PRIORITY NHPP NHPP
OS33. Kamehameha Highway (Route 39), Bridge Replacement PREROW 104 82 22 ROW	ahiawa. 110	88 22	562	450	112				0	5,000	(5,000)	0	5,000		EARMARK-HIGH PRIORITY NHPP NHPP
ROW CON ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wai Ramehameha Highway (Route 83), Bridge Replacement PRERCW ROW CON ADVCON Estimated Total Project Cost - \$13,300,000 - replace the existing bridge CON Estimated Total Project Cost - \$10,200,000 Replace the existing bridge by widening and strengthening to meet current State stance (CON) Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stance (CON) Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. OS36. Kamehameha Highway (Route 83), Bridge Replacement Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. OS37. Kamehameha Highway (Route 83), Rockfall Protection ROW 470 376 94 CON Phase 2: Surset Beach CON Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON) Safety Kahekili Highway (Route 83), Safety Improvements CON Safety Kamehameha Highway (Route 83), Society Improvements CON Safety Kamehameha Highway (Route 83), Society Improvements CON Safety Kamehameha Highway (Route 83), Shoreline Protection, CON Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders. Con control that the color of the control of the control of the color of the	ahiawa. 110	88 22	562	450	112				0	5,000	(5,000)	0	5,000		EARMARK-HIGH PRIORITY NHPP NHPP
CON ADVCON Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wall Row CON ADVCON SysPres Waihole Bridge Estimated Total Project Cost - \$13,300,000 - replace the existing bridge CON ADVCON SysPres Waikane Stream Bridge Estimated Total Project Cost - \$10,200,000 Replace the existing d4-foot long bridge by widening and strengthening to meet current State stant CON SysPres Waikane Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway (Route 83), Bridge Replacement SysPres Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. COS31. Kamehameha Highway (Route 83), Rockfall Protection ROW 470 376 94 Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON 1,600 1,280 320) Safety Kamehameha Highway (Route 83), Sofety Improvements CON 1,600 1,280 320 Safety Vicinity of Hauula (#14) Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire setting to the strip of the strip	ahiawa. 110	88 22	562	450	112				0 0 8,925	5,000	(5,000)	0	5,000		NHPP
Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wail PREROW ROW CON ADVCON Estimated Total Project Cost - \$13,300,000 replace the existing bridge CS35. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stance CON SysPres Wailylopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. CS37. Kamehameha Highway (Route 83), Rockfall Protection ROW 470 376 94 Safety CON CON Solety ADVCON	110		562	450	112				0 8,925	5,000	(5,000)	0	5,000		NHPP
Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wail SysPres Waiahole Bridge Estimated Total Project Cost - \$13,300,000 - replace the existing bridge CON ADVCON Estimated Total Project Cost - \$13,300,000 - replace the existing bridge Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stance CON SysPres Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stance CON SysPres Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. COS37. Kamehameha Highway (Route 83), Rockfall Protection ROW 470 376 94 CON Phase 1: Hallewa Phase 2: Sunset Beach CON Safety Kamehameha Highway (Route 83), Safety Improvements CON Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON Safety Kamehameha Highway (Route 83), Safety Improvements CON Safety CON 1,600 1,280 320 Safety Vicinity of Hauula (#14) Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire s. CON Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire s. CON Estimated Total Project Cost - \$6,600,000 Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion dust	110		562	450	112	11,708	4,366	7,342	0 8,925	5,000	(5,000)	0	5,000		
OS34. Kamehameha Highway (Route 83), Bridge Replacement SysPires Waiahole Bridge CON ADVCON Estimated Total Project Cost - \$13,300,000 - replace the existing bridge CON ADVCON ADVCON ADVCON CON ADVCON CON ADVCON ADVCON CON ADVCON CON ADVCON Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stance CON SysPires Waiplicipilo Stream Bridge Estimated Total Project Cost - \$10,200,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. CON SysPires Waiplicipilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. CON ADVCON	110		562	450	112	11,708	4,366	7,342	0 8,925			0	5,000		
OS34. Kamehameha Highway (Route 83), Bridge Replacement Systres Waiahole Bridge Stimated Total Project Cost - \$13,300,000 - replace the existing bridge CON ADVCON Estimated Total Project Cost - \$10,200,000 Replace the existing bridge Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stance CON Systres Waiplicipilio Stream Bridge Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stance CON Systres Waiplicipilio Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. Systres Waiplicipilio Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. Sostety Phase 1: Hallewia Phase 2: Sunset Beach Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimee Bay (milepost 5.4 to CON Sostety Kahekili Highway (Route 83), Safety Improvements Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire si CON Estimated Total Project Cost - \$6,600,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire si CON Estimated Total Project Cost - \$6,600,000 Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion dust	110		562	450	112	11,708	4,366	7,342	0 8,925			0	5,000		
SysPres Waishole Bridge Estimated Total Project Cost - \$13,300,000 - replace the existing bridge CON ADVCON ADVCON ADVCON ADVCON ADVCON ADVCON ADVCON ADVCON ADVCON Estimated Total Project Cost - \$13,300,000 - replace the existing bridge Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stant CON CON Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stant CON CON CON Amenhameha Highway (Route 83), Bridge Replacement Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. CON ATTO 376 94 Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON CON Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and shoulders are along the superelevation along entire strips and the superelevation along entire strips and strengthening to superelevation along entire strips and strengthening to supereleva	ndards.		562	450	112	11,708	4,366	7,342	0 8,925			0	5,000		
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ADVCON Statistical Total Project Cost - \$13,300,000 - replace the existing bridge CON ADVCON Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stand Costs. Kamehameha Highway (Route 83), Bridge Replacement CON Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stand COSts. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waipliopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. ROW 470 376 94 CON Phase 1: Haleiwa Phase 2: Surset Beach CON CON Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline an		120 1,780				11,700	.,500	1,072	8,925			0	5,000		МНРР
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CON ADVCON SysTes Walkane Stream Bridge Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stant. CON		120 1,780							8,925	2,140	6,785	0	5,000		MHPP
SysPres Walkane Stream Bridge Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long bridge by widening and strengthening to meet current State stand. CON SysPres Waipliopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. CON Safety at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa Phase 2: Surset Beach Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON Safety Safety (Route 83) Safety Improvements Safety Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders. Check superelevation along entire strips on centerline and shoulders.		120 1,780							-7		- /	0	5,000	(5,000)	
OS36. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. OS37. Kamehameha Highway (Route 83), Rockfall Protection ROW 470 376 94 TON 470 376 94 CON 470 370 376 CON 470 370 376 CON 470 370 370 370 CON 470 370 370 CON 470 370 370 CON 470 37		120 1,780											$\overline{}$		
OS36. Kamehameha Highway (Route 83), Bridge Replacement Systres Waipilopilo Stream Bridge Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. ROW 470 376 94 ROW 470 376 94 CON 1 CON 1 Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON 1.600 1.280 320 Safety Akamehameha Highway (Route 83), Safety Improvements Safety Kamehameha Highway (Route 83), Soreline Protection, Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire s. CON 1.600 1.280 320 Safety Vicinity of Hauula (#14) Estimated Total Project Cost - \$6,600,000 Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due		120 1,780													1
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Estimated Total Project Cost - \$10,300,000 Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. OS37. Kamehameha Highway (Route 83), Rockfall Protection at Walmea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa Phase 2: Sunset Beach Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Walmea Bay (milepost 5.4 to CON 1,600 1,280 320															NHPP
OS37. Kamehameha Highway (Route 83), Rockfall Protection at Wairnea Bay, MP 5.4 to MP 5.52 Phase 1: Hallewia Phase 2: Sunset Beach Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Wairnea Bay (milepost 5.4 to CON Safety CON 1.600 1.280 320 CON 1.600 1.280 32															1
OS37. Kamehameha Highway (Route 83), Rockfall Protection at Wairnea Bay, MP 5.4 to MP 5.52 Phase 1: Hallewia Phase 2: Sunset Beach Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Wairnea Bay (milepost 5.4 to CON Safety CON 1.600 1.280 320 CON 1.600 1.280 32															1
Safety at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Halleiwa Phase 2: Sunset Beach Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON 1,600 1,280 320 1,280 320 1,280 1															
Phase 1: Haleiwa Phase 2: Surset Beach Estimated Total Project Cost - \$19.800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON 1.600 1.280 320 CON 1.															NHPP
Phase 2: Sunset Beach Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to CON 1,600 1,280 320 1,280 1,600 1,280 320 1,280 1,600 1,280 320 1,280 1,600 1,280 1	$\!\!\!+\!\!\!-\!\!\!\!-$												_		1
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OS51 Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders, check superelevation along entire strips on centerline and shoulders.	n milenest E E21								-	_	_		-		1
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OS38. Kamehameha Highway (Route 83), Shoreline Protection, Safety Vicinity of Hauula (#14) Estimated Total Project Cost - \$6,600,000 Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due	-														1
OS38. Kamehameha Highway (Route 83), Shoreline Protection, Safety. Vicinity of Hauula (#14) Estimated Total Project Cost - \$6.600,000 Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due	seament, pavement m	arkinas, stripina a	and signing.	i											i
Safety Vicinity of Hauula (#14) Estimated Total Project Cost - \$6,600,000 Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due												5,700	4,560	1,140	NHPP
Estimated Total Project Cost - \$6,600,000 Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due															
OS39. Kamehameha Highway (Route 83), Shoreline Protection, CON															
	10,200 8,1	160 2,040													NHPP
Safety Vicinity of Kaaawa (#10)															ı
															1
Estimated Total Project Cost - \$11,400,000 Construct shoreline projection measures for areas in Kaaawa (#10) susceptible to ocean erosion of	due to high wave actic	on.		 				0.4==					\rightarrow		Au ion
OS40. Kamehameha Highway (Route 83) Shoreline Protection, CON	\longrightarrow			ļ		7,350	880	6,470		5.000	(5.000)				NHPP
Safety Vicinity of Punaluu (#9) ADVCON	\longrightarrow								0	5,000	(5,000)		_		ı
Estimated Total Project Cost - \$7,900,000 Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due			 				1						-		1
S41. Kamehameha Highway (Route 83) Wetland Enhancement, CON Susceptible to ocean erosion due	o to high ways action		 			6.500	1.200	5.300					-		NHPP
Enhance Vicinity of Ukoa Pond ADVCON ADVCON	ie to high wave action.		 	 		0,000	1,200	5,300	0	4.000	(4.000)		-		INDEE
ADVOIN ADVOIN	ue to high wave action.									4,000	(4,000)		\rightarrow		1
Estimated Total Project Cost - \$7,700,000 Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for fut	ue to high wave action.														4
OS42. Kualakai Parkway (Route 8930) Extension CON CON CON CON CON CON CON CO		etland mitigation n	project on the Nor	th Shore that is	related to the cor	nstruction of the Haleiwa	va Bypass Roai	ad.							•
Modern ADVCON		etland mitigation p	project on the Nor 17,700	th Shore that is 4,160	related to the cor 13,540	nstruction of the Haleiwa	va Bypass Roa	ad.							STP FLEXIBLE
		etland mitigation p					va Bypass Road	ad. (10,000)							STP FLEXIBLE
Estimated Total Project Cost - \$20,000,000 Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.		etland mitigation p													STP FLEXIBLE

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

	l	FFY2015 (Oct																		
₽Ŗ⊚JECŢ	PHASE	TOTAL FE (x\$1000) (x	DERAL \$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
DS43. Leeward Bikeway, Phase II, Hawaiian Railway Society Train	PREROW				106	84	22													STP ENHANCEMENT
hhance Station to Lualualei Naval Road	ROW										3,000	2,400	600							
	CON																3,900	3,120	780	
																		4		
Estimated Total Project Cost - \$19,000,000 Improve the bikeway/bike path		iian Railway Society	Train Stat	ion to Lualualei											-			4		
DS44. Moanalua Freeway (Route 78) and Interstate Route H-2	CON				6,120	896	5,224											4		NHPP
Safety Guardrail and Shoulder Improvements	ADVCON								4,000	(4,000)					-			4		
5 % 4 T 4 I D % 4 O 4 O 700 000 1 4 II 1/4 1/4 1/4									1						<u> </u>			4		
Estimated Total Project Cost - \$6,720,000 Install and/or upgrade the existing	ng guardraiis. CON	6.000	e road sno 5.400	ouiders. 600			-		1						1			+		NHPP
OS45. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON	6,000	5,400	600					1	-			-					+	\vdash	INFF
Syspres MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)															1			+	$\overline{}$	
Estimated Total Project Cost - \$6,300,000 Upgrade/replace existing freewo	u lighting on A	Annalus Erasusus f	rom the He	louio Hojabto un	anthound off ro	nn (milanaat 1	(2) to the Mee	nalua/U 1 Franu	nu marga at Mi	ddla Ctroot (mila	noot 4 00)				1			+		
DS46. Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON	iloanalua Freeway, II	он не па	іама пеідпів м	2.435	1.948		naiua/n-i rieew	ay merge at ivii	dale Sireet (IIIIIe	post 4.09).				 			+		NHPP
SysPres MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	0011				2,400	1,040	401											+		
oyar tea wii o to wii o.75 (rialawa to 1151 feeway overpass)																		1		
Estimated Total Project Cost - \$2,700,000 Upgrade/replace existing freewa	ev liahtina on N	Ioanalua Freeway fr	om the Fwa	end of the Mo	analua Freewa	(milenost ()) to	the H-3 Freev	vav overnass (m	ilenost (),73).									1		
OS47. Moanalua Freeway (Route H-201) Seismic Retrofit,	CON					,,		4.030		3,806										NHPP
SysPres Puuloa Interchange, Ramp "A"	ADVCON									-,	0	3,000	(3,000)							
3.7 . 1												-,	, , , , , ,							
Estimated Total Project Cost - \$4,500,000 Retrofit interchange structure to	meet current s	eismic standards.																		
OS48. Moanalua Freeway (Route H-201) Seismic Retrofit,	CON							6,580	0	6,580										NHPP
SysPres Puuloa Separation	ADVCON										0	5,264	(5,264)							
Estimated Total Project Cost - \$7,200,000 Retrofit interchange structure to																		4		
OS49 Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287		NATIONAL RECREATIONAL
<u>Enhance</u>																		4		TRAILS (DLNR)
Estimated Total Project Cost - \$2,154,000 A Federal-aid assistance progra						d and non-moto	rized recreation	nal use.							-			4		
OS52 Sand Island Access Road (Route 64), Truck Weigh Station	DES	132	104	28 27					 						-					NHPP
SysPres Kapalama Container Terminal	ROW CON	128	101	27			-	F 000	4.000	4.000					1			+		
	CON						-	5,000	4,000	1,000					1			+		
Estimated Total Project Cost - \$6,000,000 design, construct & operate a true	uak waiah atati	an to parform truck is	concetions	e driver ereden	tial abadra @ t	o oarooo of the	container ter	ninal on Cand la	land Ass Dd T	hio inaludaa auu	lanca ta accomm	adata truaka	troffia controla 1	a sole supidhina	infractruotura e	nomnutor hard	huara/aaftumra	aparatar kiaaki	office	
OAHU: STATE - FHWA TOTAL	ick weigh statio	151.332	74.098	77.234		74.679							26.014			48.202				
OANO. STATE - FRIVATOTAL		101,332	14,096	11,234	150,700	74,679	70,021	120,061	14,342	45,519	91,070	11,006	20,014	117,029	09,427	40,202	93,444	09,912	23,332	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke	y: GREEN	SYSTEM PRE	SERVATION	PURPLE = SAI	FETY IMPROVI	EMENTS BRO	OWN = CONG	ESTION MITIGA	TION PINK	= MODERNIZAT	TON ORANGE	= ENHANCEMEN	NT BLUE = I	HUMAN SERV	ICES TRANSF	ORTATION PR	OGRAM TU	RQUOISE = TR	.ANSIT	
		FFY2015	(Oct 1, 14 - S	ep 30, 15)	FFY2016	(Oct 1, 15 - Se	30, 16)	FFY2017	(Oct 1, 16 - Se	ep 30, 17)	FFY2018	(Oct 1, 17 - Sep	30, 18)	FFY2019	(Oct 1, 18 - S	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	
₽RøJEC†	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS															
		, , , , ,																		
OAHU: STATE - FTA																				
OS50. Transportation Assistance for Elderly and Disabled	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
Human	OPR	620	310	310	640	320	320	660	330	330	680	340	340	702	351	351	724	362	362	
Estimated Total Project Cost - \$7,156,000 Enhanced Mobility of Seniors a	nd Individuals	with Disabilities	(Section 5310 -	- Urban) Funds f	rom program w	ill be utilized for	either the pur	chase of buses of	or operating exp	penses for the pr	ogram audience.									
OAHU: STATE - FTA TOTAL		1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

-1				op 30, 15)							FFY2018									
PRøJEC†	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REM
TY & COUNTY OF HONOLULU - FHWA																				
THE GOOD TO THOM SEED TO THE S																				
apai Transportation Management Center	DES	- 1	0	1	1	0	- 1	10	0	10										STP FLEXIBLE
apai Transportation Management Ochter	CON	22.970	10.914	12.056	23.208	10.370	12.838	25	0	25										OT TEEXIBLE
	FOP	22,570	10,514	12,030	1.700	10,370	1.700	200	0	200										
	EQF		- 0	-	1,700	U	1,700	200	U	200										
stimated Total Project Cost - \$95,102,000 A joint communications center	to bo built bobi	ind the Alenei	Transit Contar	The communicat	one contor will	hold City State	e amaraana.	roonanaa aaanai	00											
	to be built belli	пи ше мараг	ransii Center.	The communicat	ons center will i	lold City, State	x emergency i	esponse agenci	28.											
keway Improvements Program	$\overline{}$		-									-					_	1		
	CON	050	500	400																CTD ELEVIDI E
amakua Drive (RTE 6010)	CON INSP	650 150																		STP FLEXIBLE
		150	120	30																
earl Harbor Bike Path	CON		!	ļ	1,700	1,360	340													
	INSP				300	240	60													
BD - CON 2017	DES		<u> </u>		250	200	50													
	CON							2,350	1,840	510										
	INSP							10	0	10										
BD - CON 2018	ROW							1	0	1										
	PLN							100	0	100										
	DES							300	0	300										
	CON										2,350	1,840	510							
	EQUIP										10	0	10							
BD - CON 2019	ROW										1	0	1							
	PLN										100	0	100							
	DES										300	0	300							
	CON										000	Ů	000	2.350	1.840	510)			
	FQUIP													10	0.00	10				
BD - CON 2020	ROW													1	0	1	1			
3D - CON 2020	PLN													100	0	100				
	DES													300	0	300				
	CON													300	U	300	2,350	1.840	510	
	EQUIP		-									-					2,350		10	
BD - CON 2021																	10	, ,	10	
3D - CON 2021	ROW																100		100	
	PLN		 	-													100	,	100	
	DES		-														300	0	300	
				L																
stimated Total Project Cost - \$14,094,000 An on-going islandwide progra												705	455	4.0	000				0	0TD FI F\((10) F
idge Inspection and Appraisal	DES	900	720	180	900	720	180	900	720	180	900	720	180	1,000	800	200	1,000	800	200	STP FLEXIBLE
C			I	·																
stimated Total Project Cost - \$5,600,000 Inventory, inspect, and apprais	e City bridges, ii	nciuding under	water inspectio	n and scour surv	ey.															
omputerized Traffic Control System	$\overline{}$		-									ļ.					_			
			<u> </u>																	
nase 14 - Mililani Town	DES		ļ					350	280	70										STP FLEXIBLE
	CON										4,000	3,200	800							
	EQUIP										1	0	1							
nase 15 - Wahiawa	DES										350	280	70							
	CON													4,000	3,200	800				
	EQUIP													1	0	1				
nase 16 - Nanakuli/Waianae	DES					·		·						350	280	70				
	CON			İ													4,000	3,200	800	
	EQUIP			İ													1	0,200		
ase 17 - TBD	DES																350	280	70	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

		FFY2015 (t	Oct 1. 14 - 5	Sep 30, 15)	FFY2016	(Oct 1, 15 - Se	n 30, 16)	FFY2017	(Oct 1, 16 - Se	op 30, 17)	FFY2018 (Oc	t 1. 17 - Se	p.30, 18)	FFY2019	(Oct 1, 18 - S	Sep 30, 19)	FFY2020	(Oct 1, 19 - So	p 30, 20)	
			FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL		TOTAL F	EDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL		FUND CATEGORY & REMARK!
PROJECT PROJECT	PHASE		(x\$1000)	(x\$1000)	(x\$1000)	FEDERAL (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	TOTAL F (x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$4000)		(x\$1000)	FUND CATEGORY & REMARK
Farrington Highway (Route 7110 & 9107) Improvements	CON							20,000	8,930	11,070	20,000	6,210	13,790	20,000			20,000	4,000		STP FLEXIBLE
									L											
Estimated Total Project Cost - \$80,000,000 Improve the two lanes undivided Kapolei Parkway (Route 8920) Extension	d Farrington F	Highway between F	ort Weaver			Road to implem	ent tuture trans	portation plans	and accommoda	ate future transp	ortation needs.									
Rapolei Parkway (Route 6920) Extension	CON	1,200	960	240																
	- 00.1	1,200	000	2.0																
Estimated Total Project Cost - \$23,789,000 Provide an extension of the ext		Parkway from Kan	nokila Blvd.	to Fort Barrette F		ngestion relief		on where it is ar	ticipated the ma	ajority of resider	tial and employment	growth is p	rojected. This pr	oject is identifie	ed in the Oahu	Regional Trans	sportation Plan 2	2030.		
Makakilo Drive (Route 8810) Extension	DES				3,000	0	3,000													LOCAL
Phase 1	CON													20,000	4,000	16,000	20,000	4,000	16,000	STP FLEXIBLE
Estimated Total Project Cost - \$85,500,000 Plan, design and construct the		Antoniolo Doino for	th D-1-h-	0	# ! ! 4 F															
Traffic Improvements at Various Locations	extension of N	nakakilo Drive fron	ri ine Parent	ia Subdivisión to	uie H-1 FreeWa	γ.														
Traino improvemento de variodo Eduditorio				1			1													
Village Park/Kupuna Loop	DES	450	360	90																STP FLEXIBLE
Palolo - 9th Avenue/10th Avenue	CON	150	120																	
	INSP	50	40	10																
Kalaheo Avenue/Kailua Road	ROW				110	60	- 00													
	CON				1,500	600														
TDD CONTOUT	INSP DES				250 500	100														
TBD - CON 2017	CON				500	200	300	2.130	960	1.170										
TBD - CON 2018	ROW							2,130	960	1,170										
1BD - CON 2010	PLN							50	0	50										
	DES							400	0	400										
	CON										2,130	960	1,170							
TBD - CON 2019	ROW										50	0	50							
	PLN										50	0	50							
	DES										400	0	400							
TDD COLLEGE	CON			1										2,130		1,170 50				
TBD - CON 2020	ROW PLN			 			1							50 50		50				
	DES	 		 		1					 			400		400				
	CON													700	0	+00	2,130	960	1,170	
							i													
Estimated Total Project Cost - \$13,030,000 Provide traffic congestion relief	f and improve	traffic safety at va	rious locatio	ns, including but	not limited to P	alolo, Village Pa	ark & Kupuna L	oop area, and h	alaheo Avenue	/Kailua Road.										
Traffic Signal Optimization																				
		-		1			1		_											STP FLEXIBLE
Phase 6 - Kapolei, Ewa, Makakilo	PLN DES			1			1	600	500	100										
Phase 7 - TBD	PLN							600	500	100	1	0	1							
Fliase I - IDD	DES			+			<u> </u>				100	0	100							
Phase 8 - TBD	PLN										100	•	100	1	0	1				
· · · · · · · · · · · · · · · · · · ·	DES						1							100	0	100				
				İ			1		i					-						

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

												Oct 1, 17 - Sep 3								
PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
Traffic Signals at Various Locations																				STP FLEXIBLE
Phase 16 - Kapiolani Blvd/Kaimuki Ave, King St/Ward Ave, Salt Lake																				
Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Nehoa																				
St/Mott-Smith Dr, Ala Ilima St/Ala Lilikoi St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona	PLN																			
Atkinson Dr/Manukona	CON	3.496	2.800	696																
	FQUIP	3,496	2,800	090																
Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church	LQUIF	4	U	4																
Ln, Ahua St/Kilihau St, Kuala St/Acacia Rd, King St/Pensacola St,																				
Kamehameha Hwy/Pahia Rd	DES	438	350	88																
	CON				3,550	2,800	750													
	EQUIP				4	0	4													
Phase 18 - TBD	DES				438	350	88													
	CON							3,750	3,000	750										
	EQUIP							4	0	4										
Phase 19 - TBD	DES							438	350	88										
	CON										3,750	3,000	750							
	EQUIP										4	0	4							
Phase 20 - TBD	DES										438	350	88							
	CON													3,750	3,000	750				
	EQUIP													4	0	4				
Phase 21 - TBD	DES													438	350	88				
	CON																3,750	3,000	750	
	EQUIP																4	0	4	
Phase 22 - TBD	PLN																1	0	1	
	DES											-					438	350	88	
F /				. , ,																
Estimated Total Project Cost - \$24,700,000 Install and upgrade traffic signal		including ADA 158		signs and mark	ngs, and interti	es.						-							—	OTD ELEVIDLE
Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62													_			STP FLEXIBLE
Estimated Total Project Cost - \$5,000,000 Construction of traffic improvement	anto to improv	o a tura Jana aa	llootor road bot	woon the Ooky I	Pailway and Las	d Compony Bio	volo Dodootrio	n Doth and the M	Vainia Daninaul	o Coooor Dorle										
Estimateu τοιαι ετοject Cost - φ3,000,000 Construction of tramic improvem	enis io improv	e a two-lane co	iiiectoi road bet	ween me Oanu F	tanway and Lar	iu company bio	ycie redestria	u raui and the v	vaipio reninsul	a Succer Park.										

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke	: GREEN										ION ORANGE = ENHANC						RQUOISE = TR		
	i : : : :			Sep 30, 15)							FFY2018 (Oct 1, 17						(Oct 1, 19 - Se		
PRøJECT	PHASE			LOCAL (x\$1000)	TOTAL (x\$1000)			TOTAL (x\$1000)		LOCAL (x\$1000)	TOTAL FEDERA (x\$1000) (x\$1000			FEDERAL	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
PRØJECT	PHASE	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(x\$1000)	(X\$1000) (X\$1000	(X\$1000)	(X\$1000)	(x\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	
CITY & COUNTY OF HONOLULU - FTA	$\overline{}$	+																	
CITT & COUNTY OF HONOLOLO-FITA	$\overline{}$																		
DC12. Agency Provided Trips																			
luman	OPR	862	127	735	875	132	743	994	177	817	1,035 1	84 85	1 1,076	191	885	1,119	199		FTA §5307
	OPR	400	200	200	416	208	208	432	216	216	450 2	25 22	5 450	225	225	468	234	234	FTA §5310
	<u></u>																		
Estimated Total Project Cost - \$8,577,000 Establish selected human service	e agencies as	s transportation pro	oviders servi	ing their own cliei	nts who currentl	y ride TheHandi	Van, and prov	ride operating fu	inds for the serv	rice.		_							
DC13. Bus and Handi-Van Acquisition Program (ransit FY15 = 30 <30' buses + 5-35' buses + 25-40' buses + 10-60' buses	EQP	19,591	9,000	10,591	20,210	2,229	17.981	20,825	2,231	18,594	20,825 2,2	31 18,59	4 20,825	2,231	18,594	20,825	2,231	19 504	FTA §5307
FY16 = 30 <30' buses + 5-35' buses + 25-40' buses + 10-60' buses	EQP	1,388	1,110			1,132	283	1,444		289					301				FTA §5337
FY17 = 10 <35' buses + 10-40' buses + 10-60' buses	EQP	4,629	3,703			2,450	613	4,816		963	4,913 3,9			4,009	1,002				FTA §5339
FY18 = 9 <35' buses + 10-40' buses + 10-60' buses																			•
Estimated Total Project Cost - \$159,400,000 Purchase replacement transit	buses and ha	andi-van vehicles.																	
C14. Bus Stop ADA Access Improvements																			
ransit	PLN	1	0	1	1	0	1	1	0	1	1	0	1 1	0	1	1	0		LOCAL
	DES CON	270 621	300	270	270 321	0	270 321	270 321	0	270 321	270 321	0 27			270 321				LOCAL FTA §5307
	ROW	621	300	321	321	0	321	321	0	321	321	0 32	5 5	0	321	321	0		LOCAL
	RELOC	1	0	1	5	0	1	1	0	1	1	0	1 1	0	1	1	0	1	LOCAL
		T					-												
Estimated Project Cost - \$3,888,000 - To modify bus stops and bring them in	to compliance	e with the America	ıns with Disal	bilities Act (ADA).															
C15. Bus Stop Site Improvements																			
ransit	PLN	5	0	5	5	0	5	5	0	5	5	0	5 5	0	5	5	0		LOCAL
	ROW	1	0	1															LOCAL
	DES	90	0 100	90	90	0	90 405	90	0	90	90 405	0 9	0 90 5 405	0	90 405	90	0		LOCAL
	CON EQP	2,835	2,430	405	405	0	405	405	0	405	405	0 40	405	0	405	405	0		FTA §5307 LOCAL
	EQF	+	- 0	<u> </u>	'	U	'		U		- '	U	'	0	-		0		LOCAL
Estimated Project Cost - \$5,437,000 - This is an ongoing program to improve	hus stons h	us shelters, hench	nes and othe	r improvements a	t various locatio	nns													
DC16. Honolulu Rail Transit Project	HRTP	T			44,216	35,373	8,843	45,278	36,222	9,056	46,363 37,0	90 9,27	3 41,373	33,098	8,275	43,180	34,544	8,636	FTA §5307/ §5340
ransit	HRTP	1,070,200	342,464	727,736	1,063,457	340,306	723,151	755,944	241,902	514,042	388,428 124,2	97 264,13	1						FTA §5309 NS
	1																		
Estimated Total Project Cost - \$5,163,693,000 Plan, design and construct a										l-ride facilities, a	maintenance and storage fa	cility, light metro v	ehicles and ass	ociated core sys	tems.				
 a. Total estimated cost (YOE\$) = \$5,163,693,000 (including finance charges b. The estimated total project cost reflects escalation calculated by FTA's Pre 				222,188,000; DE	S = \$564,660,00	00; CON = \$4,1	13,317,000; EG	QP = \$208,501,0	000.			_	_	-					
c. Estimated local share of total estimated costs (excluding Unallocated Cont				VOES)										1					
DC17. Local Shuttle Service	ngeney) is up	JOI CAITHGUTY WO, SC	37,703,202	<i>1</i> Ο Εψ).															
luman	OPR										239 1	19 12	0 248	124	124	258	129	129	FTA §5307
Estimated Total Project Cost - \$745,000 To maintain and expand shuttle se	rvices betwee	en Kalaeloa home	less shelter s	sites and the Kap	olei Transit Cen	ter to address tr	ansportation ne	eeds of low inco	me persons.										
OC18. Middle Street Intermodal Center																			
ransit	PLN			-	1,810	1,327	483	1	0	1	1	0	1						FTA §5339 Bus and Bus Facilities
	DES CON				2,500	0	2,500	5.864	0	200 5.864	200 5.867	0 20							LOCAL LOCAL
	EQP							5,864	0	5,864	5,867 1	0 5,86	1						LOCAL
								-	U		The state of the s								
Estimated Total Project Cost - \$16,445,00 Design, construct, inspect, and p	orovide reloca	ation funds for Phe	se II. Phase	Il is the completion	on of the Handi-	Van parking lot,	transit center p	olatform and bus	s parking and p	arking garage.									
OC19. Mobility Management																			
uman	OPR	500	400			416	104	492	394	98	362 2		2 377	302	75	391	313		FTA §5307
	OPR	140	112	28	145	116	29	152	121	31	158 1	26 3	2 175	140	35	183	146	37	FTA §5310
Followed Total Project Cook \$2 505 000 Improve as	for noon!- ::	uith dischilities	nioro and	anlo with low: !	maa hu aasti-	nating transit	d human as-::	o transporte ti-	<u> </u>			+							
Estimated Total Project Cost - \$3,595,000 Improve access to transportation C20 Preventive Maintenance	ror peopre wi	iui uisabiiities, ser	riiors, and pe	Opie with low Inci	omes by coordii	iaurig transit and	ı numan servic	e uansportation	ı.			+							
ransit	OPR	47.527	21.000	26.527	48.478	n	48.478	49.448	0	49.448	50.437	0 50.43	7 51.446	0	51.446	52.475	0	52 475	FTA \$5307
		,527	2.,000	20,021	.0,470		.5, 770	10,440	Ĭ	10,440	50, 101	50,40	01,440		01,140	JL,410		J., 170	
Estimated Total Project Cost - \$299,811,000 Preventive maintenance of FT	A-funded roll	ling stock (buses ε	and handi-var	ns) to include par	ts, labor, and ot	her related cost	S.												
C21. I ransit Safety and Security Projects	PLN	1	0	1	1	0	1	1	0	1	1	0	1 1	0	1				LOCAL
		1	0	1	1	0	1	1	0	1	1	0	1 1	0	1				LOCAL
	DES			1	1	0	1	1	0	1	1	30 8	1 1 3 413	330	1				LOCAL
	CON	1	0																
C21. Transit Safety and Security Projects ransit		1 413	330	83	413	330	83	413	330	83	413 3	50 0	3 413	330	83				FTA §5307
vansit	CON EQP			83	413	330	83	413	330	83	413 3	30 6	3 413	330	83				FTA §5307
	CON EQP			83	413	330	83	413	330	83	413 3	50 6	3 413	330	83				FTA §5307
ransit	CON EQP				1,188,620	384,019	83 804,601	887,406		600,805	413 3 522,267 170,00		5 110		82,147	126,642	43,111	83,531	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision Effective Date: July 11, 2014

Project Criteria Color Ke	ey: GREEN					EMENTS BROWN = CONG											RQUOISE = TR		
	1 - 1 - 1 - 1					(Oct 1, 15 - Sep 30, 16)				FFY2018 ((Oct 1, 17 - Se	p 30, 18)	FFY2019	(Oct 1, 18 - S	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se		
₽Ř@JECŤ	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000) (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS									
FUNDING CATEGORY SUMMARY - OAHU																			
NHPP (National Highway Performance Program)			66,283			67,590		67,647			58,769			69,140			64,105		
BRIDGE OFF-SYSTEM			0			0		0			0			0			0		
STP ENHANCEMENT			0			2,084		0			2,400			0			3,120		
STP FLEXIBLE			17,000			17,000		20,740			26,560			18,430			18,430		
SECTION 1404 - (Safe Routes to School)			0			0		0			0			0			0		
HSIP (Highway Safety Improvement Program)			3,228			3,600		2,448			200			0			2,400		
NATIONAL RECREATIONAL TRAILS			287			287		287			287			287			287		
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0			0		
FTA TRANSFER FUNDS			0			0		0			0			0			0		
EQUITY BONUS			0			0		0			0			0			0		
EARMARK - HIGH PRIORITY			0			1,118		0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0			0		
EARMARK - SECTION 112			0			0		0			0			0			0		
EARMARK - SECTION 115			0			0		0			0			0			0		
EARMARK - SECTION 117			0			0		0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			0			0		0			0			0			0		
NRCS (National Resources Conservation Service)			0			0		0			0			0			0		
TIGER			0			0		0			0			0			0		
HIGHWAYS FOR LIFE			0			0		0			0			0			0		
IMD (NHPP Discretionary)			4,300			0		0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0			0			0		
	SUBTOTAL		91,098			91,679		91,122			88,216			87,857			88,342		
LESS DISCRETIONARY, DEMOETC. PROJECTS			(4,300)			(1,118)		0			0			0			0		
LESS FTA TRANSFER FUNDS			0			0		0			0			0			0		
			0			0		0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		86,798			90,561		91,122			88,216			87,857			88,342		

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Key:	GREEN:	= SYSTEM PRESERVA	TION PURE	PLE = SAF	FETY IMPROVE	EMENTS BRO	WN = CONG	ESTION MITIGA	TION PINK :	MODERNIZATI	ON ORANGE = ENHANCE	MENT BLUE =	HUMAN SERV	ICES TRANSPO	DRTATION PR	OGRAM TU	RQUOISE = TR	ANSIT	
		FFY2015 (Oct 1									FFY2018 (Oct 1, 17 - S						(Oct 1, 19 - Se		
PŘOJECŤ	PHASE		RAL LO	DCAL 51000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LDCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
HAWAII : STATE - FHWA																			
S1. Akoni Pule Hwy (RTE 270) Realignment & Widening	CON	0	0	0									8,190	6,552	1,638				STP FLEXIBLE
lodern at Aamakoa Gulch																			(defer, inflate for financial constraint)
Estimated Total Project Cost - \$8,500,000 Realign and widen roadway on the	e mauka sidi	le improve shoulders a	nd rock catchin	nent area															
S2. Bridge and Pavement Improvement Program, Hawaii	CON	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500 0	16,500	16,500	0	16,500	16,500	0	16,500	NHPP / STP FLEXIBLE
<mark>/sPres</mark>																			
Estimated Total Project Cost - \$98,300,000 System maintenance of highway																			
Yearly lump sum amounts represent total State Special Maintenance Program												ave funded resurf	acing and pave	ement and bridg	e preservation	projects (Syster	n Preservation)		
The current list of prioritized proposed SMP projects has been posted on the S23. Daniel K. Inouye Highway (Route 200) Extension	DES DES	250	200	50		or. Qualified an	priority SiviP	projects coula re	eceive rederai ii	unas snoula triey	become available.	1		1					STP FLEXIBLE
	PREROW		200	50															(updated route name)
mandana my (no 100) to quoti maananan my (no 10)	THEROTT	200	200	- 00															(apadiod rodio ramo)
Estimated Total Project Cost - \$100,000,000 New roadway and/or realignment				Highway	from the Kona t	erminus at Man	alahoa Highw	ay to the Queen	Kaahumanu Hi	ghway.									
Daniel K. Inouye Highway (Route 200) Improvements	CON	21,000	7,000	0								ļ							DISCRETIONARY
odern Phase 2D: East Side Grade & Pave, MP 6 to MP 11	ADVCON	24,000	5,000	9,000		0.000	(0.000)					 							STP FLEXIBLE (DAR soft match)
	ADVCON				0	9,000	(9,000)					1							STP FLEXIBLE (DAR soft match)
Estimated Total Project Cost - \$250,000,000 Widen and/or realign the existin	na two-lane l	highway.										1							(new project)
S3. Guardrail and Shoulder Improvements, Various Locations	DES DES										0 0	0				100	80	20	STP FLEXIBLE
afety	CON												0	0	0				(defer for financial constraint)
	DES															0	0	0	
<u>_</u>																			
Estimated Total Project Cost - \$2,400,000 Improve quardrail and shoulders. 4. Hawaii Belt Road (Route 19), Bridge Replacement.	ROW		0					4.450	000	000									NHPP
64. Hawaii Belt Road (Route 19), Bridge Replacement, SPres Pahoehoe Stream Bridge	CON	U	U	U				1,150	920	230		1		1		10.600	8 480	2.120	(defer, inflate for financial constraint)
randende Stream Bridge	CON							U	U	U						10,000	0,400	2,120	(derer, liliate for financial constraint)
The state of the s																			
Estimated Total Project Cost - \$12,200,000 Replace existing bridge.																			
S5. Hawaii Belt Road (Route 19), Drainage Improvements	ROW	1,300	1,040	260															NHPP
afety and Rockfall Protection, Vicinity of Hakalau Bridge	CON	0	0	0							6,500 600	5,900		4 600	(4 600)				(add ROW; defer & inflate to reflect
Estimated Total Project Cost - \$7,100,000 Install a new culvert system along	ADVCON	shoulder Include rockf	II protection o	n the cuts	lono includina a	normanant mai	h systom on h	oth sides of the	roadway			1	0	4,600	(4,600)				schedule and financial constraint)
S6. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON	0	0	0	ope including a	permanent mes	ii syst e iii oii t	our sides or the	roauway.		5,600 480	5.120							NHPP
afety Kaumoali Bridge Towards Waipunahina Bridge	ADVCON												0	4,000	(4,000)				(Defer, inflate to reflect schedule
_																			and financial constraint)
Estimated Total Project Cost - \$1,800,000 Improve guardrail and shoulders a		i Belt Road from Kaum	ali Bridge tow	ards Waip	unahina Bridge														
67. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON	0	0	0												1,560	1,248	312	NHPP
Afety Kealakaha Bridge Towards Kaula Bridge																			(Defer, inflate to reflect schedule and financial constraint)
L Estimated Total Project Cost - \$1,800,000 Improve guardrail and shoulders f	from Kealaka	aha Bridge to Kaula Bri	lae																and mandar constraint)
68. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON		,-		0	0	0						1,560	1,248	312				NHPP
fety Kaala Bridge Towards Kealakaha Bridge																			(Defer, inflate to reflect schedule
<u></u>																			and financial constraint)
Estimated Total Project Cost - \$1,800,000 Improve guardrail and shoulders t		Bridge to Kealakaha Bri	lge.	_															
Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paauilo Bridge	CON	0	0	0	1,693	1,355	338												NHPP
walpunanina Bridge to East Faadiio Bridge																			(Defer, inflate to reflect schedule and financial constraint)
Estimated Total Project Cost - \$1,700,000 Improve guardrail and shoulders to	from Waipun	nahina Bridge to E. Paa	ilo Bridae.																and mandar conditions,
610. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections,	ROW							270	216	54									NHPP
rety Phase I (Laupahoehoe Gulch)	CON	0	0	0							38,700 7,000	31,700							(Defer, inflate to reflect schedule
	ADVCON				0	0	0	0	0	0			0	13,000	(13,000)	0	10,960		and financial constraint)
Estimated Total Project Cost - \$36,300,000 Slope protection along Route 19,		t Road, in the vicinity of	Laupahoehoe	Gulch.															(add ROW)
11. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, [ety Phase II (Maulua Gulch)	DES CON	U	U	0								1	0	0	0				NHPP (Defer for financial constraint; project
Toty Thase is (Maaidd Gulett)	UUN											1	U	U	0				will be deleted from this STIP
Estimated Total Project Cost \$17,000,000 Slope protection along Route 19,	. Hawaii Belt	t Road, in the vicinity of	Maulua Gulci	h.								İ							
S12. Hilo Bayfront Highway (Route 19), Shoreline Protection	ROW							100	80	20									STP FLEXIBLE
sPres	CON							0	0	0			3,640	2,912	728				(Defer, inflate to reflect schedule
												ļ							and financial constraint)
											1	1							(add ROW)
Estimated Total Project Cost - \$3,900,000 Construct groin fields in phases a		yfront.	0					0.000	4 700	410									
S13. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement	ROW	ovfront.	0	0				2,200	1,760	440			11 200	9.060	2 240				NHPP
Estimated Total Project Cost - \$3,900,000 Construct groin fields in phases at S13. Kawainae Road (Route 19), Waiaka Stream Bridge Replacement yearns and Realignment of Approaches		oyfront.	0	0				2,200 0	1,760 0	440 0			11,200	8,960	2,240				

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke	Jy. OILLEN																	RQUOISE = TRA		
		TOTAL	FEDERAL	Sep 30, 15)		(Oct 1, 15 - Se FEDERAL			(Oct 1, 16 - S				ep 30, 18)		9 (Oct 1, 18 - S			(Oct 1, 19 - Se		
PROJECT -	PHASE	(x\$1000)	(x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	(x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)		LOCAL (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	FEDERAL (x\$1000)	(x\$1000)	FUND CATEGORY & REMARKS
14. Keaau-Pahoa Road (Route 130) Improvements,	PREROW	0	0	0	104	83	21													STP FLEXIBLE
dern Keaau to Pahoa	ROW				0	0	0	1,938	1,550	388										(Defer, inflate to reflect schedule;
Phase 1 - Keaau Bypass to Pahoa-Kapoho Road	CON							0	0	0	28,560	5,000	23,560							DES contract not executed yet)
	ADVCON										0	0	0	0	7,000	(7,000))	10,848	(10,848)	
Phase 2	DES										0	0	0							(Phase 2 is being deferred to an out
	<u></u>																			year and will be deleted from this ST
Estimated Total Project Cost - \$140,000,000 Improve traffic capacity, circ	ulation and safe	ety along Route	130.																	
15. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion		-													1					
Phase 2: Shower Drive Intersection Improvements	CON	-			1,660	1,328	332								1					STP FLEXIBLE
	CON				520	468	52													HSIP
Estimated Total Project Cost - \$30,000,000 Reconstructing and widening									D : D/			D: //	L							
	ne existing sno	oulder and consti	ructing new si	oulders on the in	npouna siae of t	ne nignway betv	een Keaau By	pass and Snowe	er Drive. Phase	2 only includes	work on the Sho	wer Drive Inters	section.	075	700	175	-			OTD ELEVIDI E
6. Kealakehe Parkway Extension (Route 197), ern Keanalehu Drive to Kealakaa Street	PREROW	0	0	0	_	0	0							8/5	700	1/5	-	5 44		STP FLEXIBLE (Add DES & PREROW)
Realialetiu Drive to Redidrad Street	ROW				0	U	U	^	0	•							5:	44		(Add DES & PREROW) (Defer, inflate ROW 3 years and C
	CON							0	0	0				_	0	0				to out years for financial constraint
	CON													0	0	0				to out years for illiancial constraint,
Estimated Total Project Cost - \$8,000,000 Extension of Kealakehe Pkwy t	n match the ex	victing coction. In	cludos navom	ont markings sig	ne drainago a	uardrails and at	or miscollano	aus work						-			-			
Kohala Mountain Road (Route 250) Safety Improvements	DES DES	40	36	4		arurans and ou	iei iiiisceiiane	ous work.												HSIP
ty MP 7.2 to MP 9.2	CON	70	- 50	1				360	324	36										11011
WI TIE CO WII OLE								000	021											
Estimated Total Project Cost - \$400,000 Scope includes, but is not limited	to: Installation	n of milled rumbl	le strins on ce	nterline and shou	ılders: hiah frict	on surface treat	ment curve ah	ead signs and h	eacons and ch	evrons for motor	cvcle safety: sur	nerelevation as	sessment (to det	ermine treatme	ent) along entire	seament nave	ement markings	and signing		
Mamalahoa Highway (Route 11)	DES	0	0	0	ndoro, riigir irrot	orr darrado trodi	10000 0000 000	odd orgrio dirid b		2770710 707 7770107	cycle carety, cap	0.	To do	ommo a odamo	l diorig ontro	oogmone pare	Jirione manunge	dra organia.		STP FLEXIBLE
Pres Hilea Bridge Replacement (MP 57.7)	ROW		_					0	0	0	430	344	86							(Delete DES since it was obligated
	CON										0	0	0				6.60	5.280	1.320	in 2014)
Estimated Total Project Cost - \$7,600,000 Replace existing bridge.																				(defer, inflate for financial constraint
9 Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	CON	0	0	0										9,930	7,944	1,986				STP FLEXIBLE
<mark>ty</mark>																				(ROW work will delay CON)
Estimated Total Project Cost - \$10,000,000 Drainage improvements, inclu	ding the install	lation of box culv	erts and raisi	ng of the roadway	ν.															
 Mamalahoa Highway (RTE 190), Safety Improvements 	CON	0	0	0				1,457	1,311	146										HSIP
MP 3.9 to MP 6.9																				(Defer, inflate to reflect schedule;
																				still procuring DES consultant)
Estimated Project Cost - \$1,500,000 Scope includes, but is not limited to																				
National Recreational Trails Program - Hawaii (DLNR)	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	37-	4 299	75	NATIONAL RECREATIONAL
ance							<u> </u>													TRAILS (DLNR)
Estimated Total Project Cost - \$2,240,000 A Federal-aid assistance programme A Federal State of Cost - \$2,240,000 A Fede		State provide an	d maintain re			d and non-moto	rized recreation	nal use. Anticipa	ted funding for	Big Island progra	am.	+	1							
2. Puainako St (Rte 2000) Widening and Realignment,	PREROW	51	40	11		_			1			+	1	5 600	4.490					STP FLEXIBLE
ern Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940),	ROW	 		 	0	0	0		!			+	 	5,600	4,480	1,120				(Add PREROW)
Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	ROW			 	0	0	0						 	1,000	800	200				EARMARK - HIGH PRIORITY (HIG
	ADVCON	+		 	 		 		-		- 0	0	0							STP FLEXIBLE
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)	PREROW		^	_	 		 		-			45	- 44	0	0	0				(defer, inflate for financial constrain STP FLEXIBLE
mase 2 - Nomonana (KTE 1940) to Nawiii (Kte 2770)		0	0	0			 		-		56	45	11				0.50	5 200	1 300	SIF FLEXIBLE
	ROW CON	 		1				0	0	0		+	†				6,50	5,200	1,300	(defect inflate for financial
	CON	 		1					1			+	†				 	0	0	(defer, inflate for financial constrain
Estimated Total Project Cost - \$65,000,000 Widen and realign Puainako S	Stroot from 2 to	Alanos Improv	omonte alco i	noludo installina	traffic signals s	iane navoment	markings bus	liahtina ayarda	aile and eida	ulke		+	<u> </u>							
 Queen Kaahumanu Highway (Route 19), Intersection Improvements 	ROW	175	ements also il	35		yris, paverilent	narkings, riwy	ngnung, guardi	ans, and sidewa	uno.		1	1							HSIP
at Kawaihae Road (Route 19)	CON	1.215	1 093	122					1			1	1							(Add deferred project from 2014)
at Nawamac Noau (Noute 19)	CON	1,213	1,093	122								1	1							(Add deferred project froil 2014)
Estimated Total Project Cost - \$1,500,000 Improve operation, capacity an	d safety of Oue	een Kaahumanu	Hwy and Kaw	aihae Road inter	section.								1							
Zamatea real region con \$1,000,000 miprove operation, capacity air	Saloty or Que	I	, and raw	lines riodd men																
HAWAII : STATE - FHWA TOTAL		71.155	45.048	26,107	20.851	12.533	8,318	24.349	6.460	17.889	96.720	13.768	82.952	58.869	62,495	(3,626)	42.28	42,439	(150)	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

		FFY2015 (Oct 1, 14 - 9	Sep 30, 15)	FFY2016	(Oct 1, 15 - Se			(Oct 1, 16 - Se		FFY2018 (
₽Rø.JEC†	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x61000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$4000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
									` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `											
COUNTY OF HAWAII - FHWA																				
1. Alii Drive (Route 186) Culvert Replacement	CON	 			10,400	1,024	9,376													STP FLEXIBLE
s <mark>Pres</mark>	ADVCON							0	8,320	(8,320)										
		<u> </u>																		
Estimated Total Project Cost - \$11,700,000 Replace existing concrete cul-		concrete bridge.																		
. Alii Highway (Route 1110)	DES				2,500	2,000	500													STP FLEXIBLE
ern Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19)	ROW	+					1				2,550	2,040	510							
Phase 1	CON																12,400	9,920	2,480	
	<u> </u>																	L	<u> </u>	
Estimated Total Project Cost - \$76,000,000 Design and ROW funds are for		pject from Queen P	Kaahumanu i	Hwy, just south of		Subdivision to A	Alii Dr. near the	Keauhou Shop	ping Ctr. Constr	ruct 4.5 miles of					Logical termini	will be determi	ned for each pl	nase In the desi		
Bridge Inspection and Appraisal	PLN	0	0	0	200	160	40	0	0	0	200	160	40	0	0	0	200	160	40	STP FLEXIBLE
res	<u></u>	51.044									-									(Consolidated funds to show a 2-yr
Estimated Total Project Cost - \$600,000 Inspection of county-maintained I Kawailani (Rte 2760) Street Improvements	riages as requ	irea by FHWA.																		program) STP FLEXIBLE
. Kawailani (Rte 2760) Street Improvements est Vicinity of Kanoelani Street to Vicinity of Kuhilani Street																		-		STP FLEXIBLE
	CON	17.500	14.000	3 500														-		
Phase 2B	CON	17,500	14,000	3,500			<u> </u>							_						(corrected local funding error)
Estimated Total Project Cost - \$22,000,000 Phase 1 includes intersection	improvomonte	at Pohakulani. Ai	aaloa and lu	alani Phasa 2 w	ork includes rea	dway widanina	and recenstrue	tion: construction	a rotainina wall	s and drainage i	mprovomonte: etro	ot light and tr	offic signal syste	ome: utility rolo	nations: and ins	talling concrete	ourbe auttore	sidowalks and	Lourh ramps	
Kuakini Highway (Route 1100) Widening, Phase II	DES	at r Unakulani, Air	iaioa ariu iwe	alaili. Filase 2 W	1.500	1.200		uon, constructin	g retairiing wan	s and drainage n	inprovements, sue	et ligitt allu ti	anic signai syste	enis, unity reloc	auons, and ms	talling concrete	curbs, guilers,	Sidewaiks, and		STP FLEXIBLE
ern Hualalai Road (Route 188) to Proposed Alii Highway (Route 1110)	CON	+			1,500	1,200	300				16.080	2.944	13.136	 						STF TELXIBLE
and ribalalar Road (Route 100) to Proposed Alli Highway (Route 1110)	ADVCON										10,000	2,344	13,130	0	9.920	(9.920)				
	ABVOOR													- ŭ	3,320	(3,320)				
Estimated Total Project Cost - \$60,500,000 Widening of a 1.1 mile section	of Kuakini Hid	ahway from Huala	lai Road to th	he nronosed Alii I	Highway Cons	truction costs fo	r Phase 2 are e	estimated at \$45	million The n	roject will need to	n he nhased due t	our limited a	annual allotment	of federal fund	is .					
Mamalahoa Highway (Route 19) Widening	CON	ayom riddidi	a	D. Opcoded Full 1	8.000	6.400		Journal of at \$40	The p	TOJOCK IIIII NOCO B	DO pridade dae a	ou minou c	I I I I I I I I I I I I I I I I I I I	o. reacrar rand						NHPP
ern (Mud Lane to Mana Road)					0,000	0,100	1,000													
(
Estimated Total Project Cost - \$8,870,000 To widen and provide left-turn p	ockets for thirt	teen (13) intersect	ions alona th	ne Māmalahoa Hi	ahwav: and rela	ted roadwav im	provements in	cluding approac	h/taper lane wid	dening and adius	stments.									
Waianuenue Avenue (Route 2720) Improvements	DES	900	720																	STP FLEXIBLE
nce Rainbow Drive to Akolea Road	ROW			1	250	200	50													
	CON				-			12,400	4.920	7.480			İ							
	ADVCON								.,	.,	0	5,000	(5,000)							
	to to include his	ika lanca and nade	otrion waller	rave along Maian	μορμο Ανορμο	from Painhow F	Drive to Akeles	Pood												
Estimated Total Project Cost - \$13,900,000 Provide roadway improvement	ts to include bil																			

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

	Project Criteria Color Ke	: GREEN =	SYSTEM PRE	SERVATION	PURPLE = SAF	ETY IMPROVE	EMENTS BRO	WN = CONGE	ESTION MITIGA	TION PINK	= MODERNIZAT	ION ORANGE	= ENHANCEMEN	IT BLUE = I	HUMAN SERV	ICES TRANSP	ORTATION PR	OGRAM TU	RQUOISE = TR	ANSIT	
													(Oct 1, 17 - Sep								
1:::	PROJECT		TOTAL	FEDERAL	LOCAL (x\$1000)	TOTAL	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARKS
<u> </u>	PROJECT	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	• • • • • • • • • • • • • • • • • • • •
-																					
-	COUNTY OF HAWAII - FTA																				
HC8.	Bus and Bus Facility	FOP	520	415	105	537	428	100	554	441	113	572	455	117	590	460	121	609	484	125	FTA SECTION 5339 (Rural Bus Prom)
Transi	t	LQI	320	410	103	337	420	107	334	771	113	372	455	117	370	407	121	007	404	123	1 17 OEO HON 3003 (Raiai Bas i Igili)
	Estimated Total Project Cost - \$3,400,000 Capital projects to replace, reha-	bilitate and pur	chase buses, v	ans, and relate	d equipment, and	d to construct bu	us-related faciliti	es.													
HC9.	Rural Transportation Program	OPR	2,000	1,000	1,000	2,060	1,030	1,030	2,122	1,061	1,061	2,186	1,093	1,093	2,252	1,126	1,126	2,320	1,160	1,160	FTA SECTION 5311
Transi	t_																				
	Estimated Total Project Cost - \$13,000,000 Planning, capital, operating, joint	access and r			the acquisition of		rtation services.														
	HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
Е	Estimated Total Project Cost - \$13,000,000 Planning, capital, operating, joi HAWAII: COUNTY OF HAWAII - FTA TOTAL	access and r						1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision Effective Date: July 11, 2014

Project Criteria Color Ke	y: GREEN:					EMENTS BROWN = CONG											RQUOISE = TR		
						(Oct 1, 15 - Sep 30, 16)				FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019	9 (Oct 1, 18 - S	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se		
	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000) (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS									
FUNDING CATEGORY SUMMARY - HAWAII																			
NHPP (National Highway Performance Program)			1,040			7,755		2,896			8,080			31,808			20,688		
BRIDGE OFF-SYSTEM			0			0		0			0			0			0		
STP ENHANCEMENT			0			0		0			0			0			0		
STP FLEXIBLE			30,160			14,995		14,870			15,533			39,508			31,532		
SECTION 1404 - (Safe Routes to School)			0			0		0			0			0			0		
HSIP (Highway Safety Improvement Program)			1,269			468		1,635			0			0			0		
NATIONAL RECREATIONAL TRAILS			299			299		299			299			299			299		
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0			0		
FTA TRANSFER FUNDS			0			0		0			0			0			0		
EQUITY BONUS			0			0		0			0			0			0		
EARMARK - HIGH PRIORITY			0			0		0			0			800			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0			0		
EARMARK - SECTION 112			0			0		0			0			0			0		
EARMARK - SECTION 115			0			0		0			0			0			0		
EARMARK - SECTION 117			0			0		0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			0			0		0			0			0			0		
NRCS (National Resources Conservation Service)			0			0		0			0			0			0		
DISCRETIONARY			27,000			0		0			0			0			0		
HIGHWAYS FOR LIFE			0			0		0			0			0			0		
IMD (NHPP Discretionary)			0			0		0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0			0			0		
	SUBTOTAL		59,768			23,517		19,700			23,912			72,415			52,519		
LESS DISCRETIONARY, DEMOETC. PROJECTS			(27,000)			0		0			0			(800)			0		
LESS FTA TRANSFER FUNDS			0			0		0			0			0			0		
			27,000			0		0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		32,768			23,517		19,700			23,912			71,615			52,519		

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke	y: GREEN =	= SYSTEM PRESERVATION													JRQUOISE = TR		
		FFY2015 (Oct 1, 14 -)		FFY2016	(Oct 1, 15 - Se	p 30, 16)	FFY2017	7 (Oct 1, 16 - S	op 30, 17)	FFY2018 (Oct 1, 17 -			Oct 1, 18 - Sep 30, 1		0 (Oct 1, 19 - Se		: 4 : 4 : 4 : 4 : 4 : 4 : 4 : 4 : 4 : 4
PROJECT	PHASE	TOTAL FEDERAL (x\$1000) (x\$1000)	(x\$1000)	TOTAL (v\$1000)	FEDERAL (v\$1000)	(v\$1000)	TOTAL (x\$1000)	FEDERAL (v\$1000)	LOCAL (v\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL (v\$1000)	TOTAL /v\$1000)	FEDERAL LOC (v\$1000) (v\$10	AL TOTAL (x\$1000)	FEDERAL (x\$1000)		FUND CATEGORY & REMARKS
1 NeoLO	THACE	(x01000) (x01000)	(x01000)	(x41000)	(X\$1000)	(X\$1000)	(x\$1000)	(201000)	(x41000)	(x\$1000) (x\$1000)	(x\$1000)	(XQ1000)	(X\$1000) (X\$10	(X\$1000)	(241000)	(хф1000)	
MAUI : STATE - FHWA																	
MS1. Bridge and Pavement Improvement Program, Maui	CON	20,500 0	20.500	20.500		20,500	20.500		20.500	20,500	0 20.500	20,500	0 0	0.500 20.50	0 0	00.500	NHPP / STP FLEXIBLE
SysPres	CON	20,500 0	20,500	20,500	U	20,500	20,500	0	20,500	20,500	0 20,500	20,500	0 2	0,500 20,50	0 0	20,500	NHPP / STP FLEXIBLE
Estimated Total Project Cost - \$117,960,000-System maintenance of highwa	y bridges and p	pavements. Work may include	e bridge and/or pa	avement recons	struction, resurfa	cing, restoration	on, rehabilitation	and/or preserv	ation.								
Yearly lump sum amounts represent total State Special Maintenance Program	m (SMP) fundi	ing levels anticipated for Maui	program. The SN	MP is a program	n that funds indi	vidual repair or	maintenance pr	rojects that do n	ot normally occu	r annually. SMP funds have f	unded resurfacing	and pavement	and bridge preservation	projects (System Pi	eservation)		
The current list of prioritized proposed SMP projects has been posted on the MS2. Guardrail and Shoulder Improvement Program	STIP website	at: http://hidot.hawaii.gov/high	nways/other/other	r-related-links/st	ip/. Qualified ar	nd priority SMF	projects could r	receive federal i	funds should the	v become available.					-		STP FLEXIBLE
Safety at Various Locations, Maui																	STP FLEXIBLE
at various Ecoations, water																	
Part 2	CON			1,000	800	200											
Part 3	CON									1,000 80	0 200						
Part 4	CON													1,00	0 800	200	
5 (+			1					+				-		
Estimated Total Project Cost - \$2,750,000 Improve guardrails and shoulde MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	rs at various id CON	ocations.	0	2 550	2.040	510											STP ENHANCEMENT
Enhance Dairy Road (Route 380) to Naniloa Overpass	CON		1	2,000	2,040	310					İ						(Defer, inflate to reflect schedule)
Estimated Total Project Cost - \$2,750,000 Beautification of the main corrid		ahului and Wailuku to include i	andscape and irr	rigation.													
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32)	ROW	 	+	0	0	0	120	95	25	0.000	0 50						NHPP
Modern to Vicinity of Airport Access Road	CON ADVCON	 	+	 	1	 	0	0	0	6,900 1,52	0 5,380	0	4.000 (4.000)			(defer and inflate, financial constraint) (add ADVCON for financial constraint)
	ADVCON		1								1	U	4,000	4,000)			(add AD VOON OF III and a COISTAIN)
Estimated Total Project Cost - \$7,400,000 Widen Hana Highway.			<u> </u>														
MS5. Honoapiilani Highway (Route 30), Bridge Replacement,	ROW	0 0	0	841	673	168											NHPP
SysPres Honolua Bridge	CON			0	0	0				5,600 4,48	0 1,120						(Defer, inflate to reflect schedule
Estimated Total Project Cost - \$6,750,000 Replacement of a concrete T-b	oom bridge on	Honooniilani Huu in tha viain	its of Handus Ro								+				+		and financial constraint)
MS6. Honoapiilani Highway (Route 3000) Realignment	eam bridge on	i nonoapiliarii nwy in tile vicin	пу от попона ва	iy.													NHPP
Modern Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES	0 0	0														(Delete DES; was obligated in 2014)
	ROW						100	80	20								(Reduce ROW; developer is
	CON									30,000 12,00	0 18,000	0	0	0			anticipated to provide the ROW)
DI 10 K 0: 151 : 1 N II (K 150)	ADVCON											0	12,000 (1	2,000)	0 0	0	(advance 1b2, defer 1c to reflect
Phase 1C - Keawe Street Extension to North of Kaanapali Connector	ROW CON			0	0	0				0	0 0	6,250	5,000	1,250	0 16 280	25 320	construction priority)
	ADVCON									, , ,	0	0	0	0	10,200	20,020	
Estimated Total Project Cost - \$95,000,000 Continuation of Lahaina Bypas		io Place to Relocated Souther	n Terminus AND	from Keawe Str	reet Extension to	North of the h	Kaanapali Conne	ector.									
MS7. Honoapiilani Highway (Route 30), Safety Improvements Safety Ukumehame to Olowalu	CON	0 0	0	-			1,352	1,217	135		+				+		HSIP
Okumename to Olowaiu																	(Defer, inflate to reflect schedule; still working on a DES contract)
Estimated Project Cost - \$1,500,000 Scope includes, but is not limited to:	Installation of	f milled rumble strips on cente	rline and shoulde	ers; pavement m	narkings; and sig	gning.											Still Working Off a DEO Contract;
MS8. Honoapiilani Highway (Route 30) Shoreline Protection	ROW	250 200	50														NHPP
SysPres Vicinity of Olowalu	CON	3,250 2,600	650														(add ROW)
		 	+			 		 	-		+						
		 	1		1			1			+						
Estimated Total Project Cost - \$3,500,000 Shoreline protection for approxi	mately 1000 fe	eet of Honoapiilani Highway or	the west side of	Hekili Point.				<u> </u>									
MS9. Kahului Beach Road (Route 3400), Shoreline Protection	ROW	250 200	50														STP FLEXIBLE
SysPres Kahului Bay	CON	.	_	0	0	0	5,130	4,100	1,030		+						(add ROW. Defer and inflate
Estimated Total Project Cost - \$6,100,000 Construct a seawall for about 80	Of feet of high	way outside the harbor that	uld provide stern	n wave protoctio	on to the highwa	V Δlee conct-	uct low-profile on	nnorata rotainin	wall at the west	are edge to minimize account	ation of societies	on the charaling					for financial constraint)
MS16. Kihei-Upcountry Maui Highway (Route 374), Phase 1A	CON	way outside the harbor that Wo	ulu provide storri	wave protection	on to the mighwa	y. AISO CONSTI	act row-prome co	unici ete i etalfilli	wan at the Wate	is euge to minimize accumul	auon or seaweed (on are shoreline	7 .	20.00	0 8.000	12,000	STP FLEXIBLE
Modern	ADVCON													20,00	2,300	,	(New project. Adv Con will be needed)
Estimated Total Project Cost \$100,000,000 This project will initially be		ility without a median. The ful	I build-out will be	a four-lane fac	ility with a media	an. The right-o	of-way for the fut	ture four-lane fa	cility will be acqu	uired. It will connect the Kihei	Makena area with	Upcountry Ma	ui.				
The terminus points are Haleakala Highway at the Upcountry Maui end and I MS10. National Recreational Trails Program - Maui (DLNR)	P <u>iilani Highway</u> CON	y at the Kihei-Makena end. 449 359	90	449	359	90	449	359	90	449 35	9 90	449	359	90 44	9 359	00	NATIONAL RECREATIONAL
Enhance	CON	770 309	1 30	449	339	90	443	339	30	770 33	90	449	555	30 44	339	30	TRAILS (DLNR)
Estimated Total Project Cost - \$2,700,000 A Federal-aid assistance progra		State provide and maintain re-	creational trails fo	or both motorize	ed and non-moto	rized recreatio	nal use. Anticipa	ated funding for	Maui program.								- 12-2009
MS11. North Kihei Road (Route 310), Shoreline Protection,	CON		1												0 0	0	STP FLEXIBLE
SysPres Vicinity of Kealia Pond			1								+						(defer for financial constraint)
Estimated Total Project Cost - \$7,200,000 Beach fill with an elevated dune	to minimize	yaya ayarwash during saccas	al high curf			<u> </u>		1	-		+						
		ravo overwasii uuning seasona	a ragir odit.			1				0	0 0	3.570	2.856	714			STP FLEXIBLE
MS12. Paia Bypass Road - Paia Alternative Route,	DES																
	DES PREROW											-,		11	0 88	22	(added PREROW from 11-14 STIP)
MS12. Paia Bypass Road - Paia Alternative Route, Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park Estimated Total Project Cost - \$169,000,000 Develop an alternative route in the state of the stat	PREROW ROW									, i				11	0 88	22 0	(added PREROW from 11-14 STIP) (Defer, inflate for financial constraint)

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke		SYSTEM PRES	SERVATION	PURPLE = SA	FETY IMPROVI	EMENTS BRO	OWN = CONG	ESTION MITIGA	TION PINK:	= MODERNIZAT	ION ORANGE =	= ENHANCEM	IENT BLUE =	HUMAN SERV	ICES TRANSF	PORTATION PR	ROGRAM TU	RQUOISE = TR	ANSIT	
		FFY2015	(Oct 1, 14 - S	Sep 30, 15)	FFY2016	(Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Se	op 30, 17)	FFY2018 (Oct 1, 17 - Se	ep 30, 18)	FFY2019	Oct 1, 18 -	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	
₽Ŗ⊕JEC†	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
MS13. Puunene Ave. (Rte 3500) Improvements,	PREROW	34	26	8																STP FLEXIBLE
Modern Kaahumanu Ave. (Route 32) to Kuihelani Highway (Route 380)	ROW	0	0	0	155	122	33													(defer, inflate for financial constraint)
	CON				0	0	0							13,500	5,800	7,700)			
	ADVCON							0	0	0							(5,000	(5,000)	
Estimated Total Project Cost - \$14,000,000 Widen Puunene Ave. from Ka	ahumanu Ave.	to Kuihelani Hwy	. Improveme	nt to bike lanes c	ould be included	where feasible														
MOLOKAI																				
MS14. Guardrail and Shoulder Improvements Program																				STP FLEXIBLE
Safety at Various Locations, Molokai																				
Part 2	CON				750	600	150													(Part 2 added)
Part 3	CON	0	0	0																(delete Parts 3, 4 & 5; much of
Part 4	CON							0	0	0										guardrails are up to standard; any
Part 5	CON													0	0	0)			needed improvements will be included
Estimated Total Project Cost - \$2,500,000 Improve guardrails and shoulded	ers at various lo	cations.																		in future projects)
MS15. Kamehameha V Highway (Route 450), Bridge Replacement	CON	0	0	0	6,963	5,571	1,392													STP FLEXIBLE
SysPres Makakupaia Stream Bridge																				(Defer, inflate to reflect schedule;
																				still working on a DES contract)
Estimated Total Project Cost - \$8,000,000 The existing 72 year old bridge	will be replace	d with a new brid	ge that meet:	s current design :	standards. Upda	te to meet curre	ent live load an	d seismic requir	ements. The ex	disting substructu	re is also suscepti	ble to scour a	and the hydraulic	capacity of the	structure doe	s not meet curr	ent standards.			
MAUI : STATE - FHWA TOTAL		24,733	3,385	21,348	33,208	10,165	23,043	27,651	5,851	21,800	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Flojeti Chrena Color Ne	/: GREEN =			PURPLE = SA (ep 30, 15)		Oct 1, 15 Se									(ICES TRANSPORTATION (Oct 1, 18 - Sep 30, 19)		RQUOISE = TR		<u> </u>
₽RØJEC†	PHASE		(Oct 1, 14 - S FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	(Oct 1, 15 - Se FEDERAL (x\$1000)		TOTAL (x\$1000)	(Oct 1, 16 - S FEDERAL (x\$1000)	LOCAL		FEDERAL	LOCAL	TOTAL	FEDERAL LOCAL (x\$1000) (x\$1000)	TOTAL	FEDERAL	D 30, 20) LOCAL (x\$1000)	FUND CATEGORY & REMARKS
COUNTY OF MAUI - FHWA																			
C1. Alaalaua Bridge Replacement,	DES							750	0	750									LOCAL
ysPres. Hana Highway (Route 3700), MP 33.80	520								Ü										2007
Estimated Total Project Cost - \$8,750,000- Construct a temporary bypass roa																			
C2. Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, ysPres Phase 2 - Haliimaile Road to Hana Hwy	CON	7,000	5,000	2,000															STP FLEXIBLE
Estimated Total Project Cost - \$9,600,000 - Reconstructing designated section	ns of the existi	ing roadway nave	ement: resurfa	acing the remain	ing areas of roa	dway navemen	r providing mir	or drainage imr	provements: adi	ustina existina n	nanholes valves	and street mor	numents: provio	ing navement s	trining and markings: and r	enlacina existina s	ignage		
C3. Bridge Inspection and Appraisal	PLN	300	240			away pavemen	, providing mil	300			annoics, varves, i	and street mor	naments, provid	300		60	igrage.		STP FLEXIBLE
Estimated Total Project Cost - \$900,000 Inspection of county-maintained by	idges as requi	red by FHWA. B	ridge inspecti	on funding of \$3	00,000 is provid	led every two ye	ears.												
Central Maui Traffic Signal Upgrades	DES							270	0	270									STP FLEXIBLE
Ongest Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75) Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66)	CON													1,300	1,040 2	60			
Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48) Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0)																			
Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0)																			
Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12)																	ļ		
Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85) Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)																_			
Ramenamena Ave (Rie 3540, IVIP 0.37) & Lond Ave (Rie 3530, IVIP 0.15)																			
Estimated Total Project Cost - \$1,570,000 The project will upgrade eight (8	existing signa	alized intersection	ns within Kah	ului. Upgrades i	include new wiri	ng, signal displa	ays, signal har	dware and softw	are, replacing i	mast arms and s	ignal poles (where	e needed), rev	ising signal timi	ng, and curb ra	mp upgrades.				
C5 Guardrail and Shoulder Improvements, Various Locations	0011				4.500	4.000	000						1						STP FLEXIBLE
afety Phase 1 - Haliimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390)	CON				1,500	1,200	300												
MP 0-MP 2.62																			
Phase 2	CON							1,800	1,440	360									
Estimated Total Project Cost - \$4,500,000 Construction of new metal quard IC6. Hahalawe Bridge Replacement,	rails and guare DES	drail end treatme	ents, and upgr	ades to existing	traffic signage a 700	nd markings. T	his is a continu 700	ous improveme	nt program.							_			STP FLEXIBLE
ysPres Hana Highway (Route 3700), MP 31.05	CON				700	0	700									7,550	5,400	2,150	STF TELXIBLE
Estimated Total Project Cost - \$8,250,000 The scope of work involves cons		bridge mauka o	f the existing	bridge and provi		airs to maintain	the existing br	dge in place.								_			OTD ELEVIDIE
C7. Haleakala Highway (Route 37, MP 7.20), Intersection Improvements atongest Makawao Avenue (Route 365, MP 0.3 MP 0.6)	DES ROW	0	0	0															STP FLEXIBLE (drop; will fund project w/ all local
Walkawao Avenue (Roule 505, Wil 5.5 Wil 5.6)	CON	0	0	0													1		funds
Estimated Total Project Cost - \$3,650,000 Acquire ROW for widening of M		e approaches (M	4P 0.3-MP 0.€	i); construct addi	itional lane and		ate signals an		nal heads as n	ecessary; signin	g and striping; re-	optimize signa	al timing.						
IC8. Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2	CON				1,500	1,200	300												STP FLEXIBLE
Estimated Total Project Cost - \$2,800,000 Repair existing steel bridge. Cor	struct roadway	y improvements a	at both approa	aches.															
IC9. Kahakuloa Bridge Replacement,	DES	420	16	404															STP FLEXIBLE
ysPres Kahekili Highway (Route 340), MP 9.27	CON										3,400	2,400	1,000						
Estimated Total Project Cost - \$3,820,000 The scope of work involves cons	tructing a tem	norary hynass ro	nad: renairing	the existing hrid	ge: then removi	na the temporar	v hynass road												
C10. Kahana Nui Bridge Replacement,	CON	bordity bypaco re	aa, ropaning	Life existing price	3,470	2,470	1,000												STP FLEXIBLE
ysPres Lower Honoapiilani Road (Route 3080), MP 2.40																			
Estimated Total Project Cost - \$3,670,000 The scope of work involves dem	olishing the a	rietina hridae ins	stalling a naw	bridge relocation	a ovietina como	r and unter line	e roconstructio	a the evictics of	rainaga evetem	to outlot into the	now bridge relea	nating an oviet	ling nower note	constructing po	w roadway with shoulders	sidowalke ourh o	ad auttor out o	mne and etrini	ing.
IC11. Kahawaiokapia Bridge Replacement,	DES	asting bridge, ins 830	24	806		anu water IINe	s, reconsudcur	y uie exisuilg di	amaye system	to dutiet trito the	new bridge, feloc	auriy ari exist	any power pore,	constructing ne	w roadway with shoulders,	SIGEWAIKS, CUID AI	u galler, curb ra		ng. STP FLEXIBLE
ysPres Hana Highway (Route 3700), MP 36.61	CON							5,400	3,600	1,800									
Estimated Total Project Cost - \$6,230,000 The scope of work involves cons		porary bypass ro	ad mauka of	the existing bride	a <u>e; demolishing</u>	the existing brid	dge; constructii	ng the new bridg	e; then removir		bypass road.								
IC12. Kanaloa Avenue (Route 3420, MP 0-MP 0.9),	DES							300	0	300		_	ļ .		5004				STP FLEXIBLE
ysPres Mahalani Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1.18) Resurfacing,	CON										0	0	0	6,730	5,384 1,3	ю			(defer, inflate to reflect reprioritization)
Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)																			
Estimated Total Project Cost - \$6,900,000 The proposed scope of work for	this project co.	nsists of paveme	ent resurfacino	a. reconstructina	existing curb ra	mps and sidewa	alks to be ADA	compliant, repla	acina existina s	ians, pavement i	markings and strip	oina.							

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke	y: GREEN																	RQUOISE = TR		
PRøJECT	PHASE	FFY2015 TOTAL (x\$1000)	FEDERAL	Sep 30, 15) LOCAL (x\$1000)	FFY2016 TOTAL (x\$1000)		LOCAL	FFY2011 TOTAL (x\$1000)		ep 30, 17) LOCAL (x\$1000)	FFY2018 (Oc TOTAL F (x\$1000)	FEDERAL	LOCAL	TOTAL		LOCAL	TOTAL	(Oct 1, 19 - Se FEDERAL (x\$1000)	LOCAL	FUND CATEGORY & REMARKS
MC13. Kihei Bikeway, Phase 2,	CON	1,000	800			(201000)	(X\$1000)	(x01000)	(x\$1000)	(x\$1000)	(X\$1000)	(1000)	(X\$1000)	(x01000)	(x\$1000)	(201000)	(X\$1000)	(X\$1000)	(X41000)	STP ENHANCEMENT
Enhance Liloa Drive (Route 3115, MP 1.39-MP 1.49),																				
Lipoa Street (Route 3160) to Halekuai Street				-																
Estimated Total Project Cost - \$4,700,000 The proposed scope of work for	this project co	onsists of the co	nstruction of a	new 10 ft, wide i	multi-use path t	accommodate	pedestrians ar	nd bicvclists. St	ripina, sianaae e	& markings, land	dscaping, and path lic	ahtina will al	lso be part of th	e construction.						
MC14. Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction	CON				0	0	0	4,463	3,570	893										STP FLEXIBLE
SysPres Haiku Road (Route 366) to MP 3.1 and																				(Defer, inflate to reflect reprioritization)
Makawao Avenue (Route 365, MP 3.2 to MP 2.4) Pavement Reconstruction Piiholo Road to Kokomo Road (Route 366)																				
1 iii olo Noda to Nokomo Noda (Nodic 500)																				
Estimated Total Project Cost - \$4,675,000 Proposed scope of work consist		t reconstruction,	installing 4 fe	et wide paved sh	oulders, recons	tructing existing	curb ramps ar	nd sidewalks to l	e ADA complia	nt, installing 5 fo	oot wide sidewalks to	provide a c	ontinuous acce					ement markings	and striping.	
MC15. Koukouai Bridge Modifications,	CON													6,120	4,488	1,632				STP FLEXIBLE
SysPres Pilani Highway (Route 3700), MP 28.59																				
Estimated Total Project Cost - \$6,220,000 The scope of work involves con	structing a tem	porary bypass i	road; repairing	the existing brid	ge; then remov	ing the temporar	y bypass road													
MC16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation,	DES	185		177																STP FLEXIBLE
SysPres Kualau Street to Honoapiilani Highway (Route 30)	CON	1,600	1,280	320			-				 									
											 									
Estimated Total Project Cost - \$1,775,000 The proposed scope of work for		onsists of paven	ent reconstru	ction, reconstruct	ing existing curi	ramps to be Al	DA compliant,	utility adjustmen	ts, replacing ex	isting signs, pav	ement markings and	striping.								
MC17. Kulanihakoi Bridge Replacement	CON	0	C	0	4,080	3,264	816													STP FLEXIBLE
SysPres South Kihei Road (Route 3100), MP 1.40																				(Defer, inflate to reflect reprioritization)
Estimated Total Project Cost - \$4,900,000 The scope of work involves con	structing a tem	porary bypass i	road mauka o	f the project site,	demolishing the	existing 4-cell l	box culvert brid	dge, installing a	new bridge, inst	talling new pave	ment, and removing t	the tempora	ry bypass road.							
MC18. Lelekea Bridge Replacement	CON																3,994	3,195	799	STP FLEXIBLE
SysPres Pillani Highway (Route 3700), MP 27.23																				
Estimated Total Project Cost - \$4,494,000 The scope of work involves con	structing a tem	nporary bypass i	road: construc	ting a new bridge	then removing	the temporary	bypass road.													
MC19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements,	DES	, , , , , , , , , , , , , , , , , , , ,			350	0	350													STP FLEXIBLE
SysPres Phase IV, Hoohui Road to Napilihau Road (Route 3090)	CON										5,900	4,500	1,400							
Estimated Total Project Cost - \$16,000,000 The proposed scope of work c			-4:	de miner e a made mad									4- 4- 4- 4- 4- 4- 4- 4- 4- 4- 4- 4-	!:	-111			desire in an		
MC20. Lower Honoapiilani Road (Route 3080, MP 0-MP 2)	DES	ement reconstru	cuon, road wi	dening, construct	uramage system	ris, rerocate wat	erimes, consu	300	0	300		ng curb ran	IDS IO DE ADA C	Опірнані, геріа	Ciriq existing s	igns, pavement	markings and s	uipiriq.		STP FLEXIBLE
SysPres Pavement Rehabilitation,	CON													5,000	4,000	1,000				
Honoapiilani Highway (Route 30) to Hoohui Road																				
Estimated Total Project Cost - \$5,300,000 The proposed scope of work for	this project or	neists of naven	nent rehabilita	tion reconstruction	na evistina curh	ramne and eida	walks to he ΔΓ)Δ compliant re	nlacina evistina	sians navemen	at markings and strining	na								
MC21. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing,	DES	nisists of paven	ichi renabinta	lion, reconstruction	175	0	175	or compilarit, rej	oldering existing	signs, pavemen	t markings and surpri	ig.								STP FLEXIBLE
SysPres Kahului Beach Road (Route 3400) to Hala Place	CON							3,500	2,800	700										
Estimated Total Project Cost - \$3,675,000 The proposed scope of work for	this project or	noista of novem	ont require	na roomatrustina	ovioting outb r	mno and aidau	alles to be ADA	compliant ropl	noing ovioting o	iano novement	markings and atrining									
MC22. Makawao Avenue (Route 365, MP 1.5-MP 1.7)	ROW	onsists or paverr	ieni resurracii	ig, reconstructing	750	0	750	сотпрпать, герг	acing existing s	igris, pavement	markings and surping	1.								STP FLEXIBLE
Enhance - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements,	CON							1,250	1,000	250										
Phase I - Eddie Tam Gymnasium to Kalama Intermediate School																				
Estimated Total Project Cost - \$2,000,000 Construct sidewalk improvement	ts to provide a	clear senaratio	n hetween tra	vel lanes and ner	lestrians Proje	ct will also revie	w traffic oners	tions and make	recommendatio	ne to improve to	affic flow through the	Makawan-I	Makani intersec	tion						
MC23. Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3	CON	ordar doparatio	TI DOMOGII GG	Torrarioo ana poc	770	i i i i i i i i i i i i i i i i i i i	Lamo opora	dono ana make	- Coommondatio	ino to improvo tr	amo now an ough the	manamao n	Transmir Tritor Coo	730	584	146				STP FLEXIBLE
Congest																				
Estimated Total Project Cost - \$1,430,000 Construct traffic signal improver MC24. North Shore Greenway, Phase IV	nents at the in CON	tersection of Mi	Street and In	ni Kala Street.	1 750	1.400	250													STP ENHANCEMENT
Enhance Hana Highway (Route 36, MP 5.28-MP 6.11)	CON				1,750	1,400	350				 									(Increase; update estimate)
from Ulupua Street to Baldwin Park																				
F				1		L	L				 									
Estimated Total Project Cost - \$3,010,000 An asphalt shared-use path will MC25. North-South Collector Road (Route 3115, MP 1.21-MP 1.99),	be constructed DES	d between Spred 450		Baldwin Park. TI 450		oss Kailua Strei	am and paralle	ı Hana Highway												STP FLEXIBLE
Modern Kaonoulu Street to Namauu Place	CON	+50		430										7,050	5,000	2,050				(Project criteria changed from
																				congestion to modernization)
Estimated Total Project Cost - \$32,000,000 The proposed scope of work c	onsists of the	construction of a	new 2-lane r	oadway with a se	parated greenw	ay to accommod	date pedestriar	ns and bicyclists.	New concrete	curb and gutters	s, traffic signage and	markings, a	and street lighting	ng will also be p	part of the cons	struction.				

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

			(Oct 1, 14 - S			(Oct 1, 15 - Ser			(Oct 1, 16 - S		ION ORANGE FFY2018				(Oct 1, 18 - S			(Oct 1, 19 - Set		
₽RøJECT	PHASE	TOTAL (x\$1000)	FEDERAL	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL	TOTAL (x\$1000)	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARKS
26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86),	DES	(201000)	(X#1000)	(x\$1000)	600	(x\$1000)	600	(x \$ 1000)	(X01000)	(x\$1000)	(X\$1090)	(XQ1000)	(X\$1000)	(XQ1000)	(X\$1000)	(X\$1000)	(X41000)	(X\$1000)		STP FLEXIBLE
ern Lokelani School to Auhana Road	ROW				000		000				150	0	150							(Project criteria changed from
	CON													0	0	0	8,670	6,936	1,734	congestion to modernization)
																				(defer and inflate CON to reflect
Estimated Total Project Cost - \$32,000,000 Construct a two lane major colle		luding separate	d multi-use path	. Project will als	o construct thre	e bridge/stream	crossings.													reprioritization)
7. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95)	DES							130	0	130										STP FLEXIBLE
est Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	CON													1,250	1,000	250				
Estimated Total Project Cost - \$1,380,000 Upgrade existing traffic signal sy		-ttit O	-111-11111	decourse and District	: Ctt Oth						:		D. d l : Ot 4							
signal hardware and software, replacing mast arms and signal poles (where i					anı Street. Otri	er work will incli	lae trie impieri	ientation of the f	lasning yellow	arrow for the per	mittea ieit turn m	overnent onto i	Pukaiani Street,	new wiring, sigi	nai dispiays,					
Old Haleakala Hwy (Route 367) and Makani Rd (Route 3630) Resurf.	CON	4.958	3 527	1.431																STP FLEXIBLE
res Aeloa Rd - Makawao Ave & Old Haleakala Hwy to Haleakala Bypass	00.1	1,000	0,021	1,101																(Add project; CON funds were
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,																				deferred from 2014 to 2015)
Estimated Total Project Cost - \$2,500,000 Resurface pavement on Old Hale	eakala Highw	ay from Aeloa F	Road to Makawa	o Avenue and o	n Makani Road	from Old Halea	kala Hwy to Ha	leakala Bypass.	Including pave	ement striping an	d marking and ut	ility adjustment	s. Total length =	1.7 miles.						
 Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, 	DES	370	16	354																STP FLEXIBLE
Pres and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction,	CON							2,200	1,760	440										
Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)																				
Estimated Total Project Cost - \$2,200.370 The proposed scope of work for	dete energy			i i4-Wi- 1	4:			di		4- 4- 404 -		· ·								
 Papa Avenue (Route 3910, MP 2.2) Traffic Signals 	tnis project co	onsists of paven	ent reconstruct	on, installing 4 I	eet wide paved	snoulaers, reco	nstructing exis	ting curb ramps	ana siaewaiks	to be ADA comp	ilant, utility adjus 860		<u>ng existing signs</u> 172		rkings and str	iping.				STP FLEXIBLE
gest at Hina Avenue (Route 3910, MP 2.2) Harric Signals	CON										000	000	172							SIP FLEXIBLE
at I mila Avenue (Noute 5550, IVII 5.5)																				
Estimated Total Project Cost - \$1,060,000 Project will explore and consider	alternatives	to intersection o	ontrol while rem	aining sensitive	to the surround	ing residential a	rea.													
Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at	DES	130	0	130																STP FLEXIBLE
gest Wainee Street (Route 3015, MP 0.3-MP 0.34)	CON													1,250	1,000	250				
Estimated Total Project Cost - \$1,380,000 This project will upgrade the exist						Upgrades inclu	de new wiring,	signal displays,	signal hardwa	re and software,	replacing mast a	rms and signal	poles (where n	eeded), revising	g signal timing	, and curb ramp	upgrades.			
Pavement Rehabilitation, Various Roads, South Maui	DES	20	16	4																STP FLEXIBLE
Pres Kulanihakoi Street (Route 3175), MP 0-MP 0.5	CON				6,000	4,800	1,200													
Waipulani Road (Route 3170), MP 0-MP 0-6 Lipoa Road (Route 3160), MP 0-MP 0.6																				
and Welakahao Road (Route 3150), MP 0-MP 0.58																				
From South Kihei Road (Route 3100) to Pillani Highway (Route 31)																				
Trom Sourrand Trodd (Trodio 5100) to Timali Tilgrindy (Trodio 51)																				
Estimated Total Project Cost - \$6,020,000 The scope of work involves reco	nstructing de	signated section	s of the existing	roadway pavem	ent; resurfacing	g the remaining	areas of roadv	ay pavement; a	djusting existing	g manholes, valv	es, and street me	onuments; prov	iding pavement	striping and ma	arkings; and re	eplacing existing	signage.			
 Piikea Avenue (Route 3165, MP 0-MP 0.6) Resurfacing, 	DES	10	8	2																STP FLEXIBLE
Pres South Kihei Road (Route 3100) to Piilani Highway (Route 31)	CON				1,600	1,280	320													
	rfacing the ex	isting roadway i	pavement; adjus	ting existing ma	nholes, valves,	and street mon	ıments; provid				ing existing sign	age.								
Estimated Total Project Cost - \$1,610,000 The scope of work involves resu		•								162										STP FLEXIBLE
33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at	CON							810	648	102										
33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at								810	648	102										
3. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Waiinu Road (Route 3231, MP 1.15 to MP 1.18)	CON	t the intersection	of Wajale Roa	d and Waiinu Ro	ad as identified	in earlier warra	nt studies how	010			nsidered along v	ith TSM alterna	atives Other im	provements to	he included ar	re roadway wide	ning on Wajale	Road to accomi	modate a left ti	ırn lane
Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Waiinu Road (Route 3231, MP 1.15 to MP 1.18) Estimated Total Project Cost - \$960,000 This project proposes to install a tr	CON	t the intersection	of Waiale Roa	d and Waiinu Ro	ad as identified	in earlier warra	nt studies how	010			nsidered along v 1.730		atives. Other im		be included ar	re roadway wide	ning on Waiale	Road to accom		urn lane. STP ENHANCEMENT
Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at lest Waiinu Road (Route 3231, MP 1.15 to MP 1.18) Estimated Total Project Cost - \$960,000 This project proposes to install a tr Waipullari Bikepath	CON affic signal a	t the intersection	of Waiale Roa	d and Waiinu Ro	ad as identified	in earlier warra	nt studies how	010							be included ar	re roadway wide	ning on Waiale	Road to accom		
Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Waiinu Road (Route 3231, MP 1.15 to MP 1.18) Estimated Total Project Cost - \$960,000 This project proposes to install a tr Waipullari Bikepath	CON affic signal a	the intersection	of Waiale Roa	d and Waiinu Ro	ad as identified	in earlier warra	nt studies how	010							be included ar	re roadway wide	ning on Waiale	Road to accom		
3. Wailale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at less Wailinu Road (Route 3231, MP 1.15 to MP 1.18) Estimated Total Project Cost - \$960.000 This project proposes to install a tr 4. Waipulian Bikepath Kulanihakoi Street (Route 3175) to W. Waipulani Road (Route 3170) Estimated Total Project Cost - \$2,180,000 The proposed scope of work for	CON affic signal at CON	onsists of the co	nstruction of a r	ew 12 ft. wide n	nulti-use path to			ever, other alten	natives will be	evaluated and co	1,730	1,384	346		be included ar	re roadway wide	ning on Waiale	Road to accomi		STP ENHANCEMENT
3. Walale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at less walnum Road (Route 3231, MP 1.15 to MP 1.18) **Estimated Total Project Cost - \$960,000 This project proposes to install a transport of the project (Route 3175) to W. Waipulani Road (Route 3170) *Estimated Total Project Cost - \$2.180,000 The proposed scope of work for Wakea Avenue (Route 3320, MP 0.70-MP 0.71) and	CON affic signal at CON				nulti-use path to			ever, other alten	natives will be	evaluated and co	1,730	1,384	346		be included ar	re roadway wide	ning on Waiale	Road to accomi		
3. Walale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Healt Walinu Road (Route 3231, MP 1.15 to MP 1.18) Estimated Total Project Cost - \$960,000 This project proposes to install a traditional Bikepath (Walpullani Bikepath Kulanihakoi Street (Route 3175) to W. Walpullani Road (Route 3170) Estimated Total Project Cost - \$2,180,000 The proposed scope of work for Walkea Avenue (Route 3920, MP 0.70-MP 0.71) and Gest (Route 3940, MP 0.91-MP 0.92)	CON affic signal at CON	onsists of the co	nstruction of a r	ew 12 ft. wide n	nulti-use path to			ever, other alten	natives will be	evaluated and co	1,730	1,384	346		be included ar	re roadway wide	ning on Waiale	Road to accomi		STP ENHANCEMENT
 Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at gest Waiinu Road (Route 3231, MP 1.15 to MP 1.18) Estimated Total Project Cost - \$960,000 This project proposes to install a transportation (Route 3175) Waipullani Bikepath Kulanihakoi Street (Route 3175) to W. Waipulani Road (Route 3170) 	CON affic signal at CON	onsists of the co	nstruction of a r	ew 12 ft. wide n	nulti-use path to			ever, other alten	natives will be	evaluated and co	1,730	1,384	346		be included ar	re roadway wide	ning on Waiale	Road to accom		STP ENHANCEMENT
33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at 9581 Wainu Road (Route 3231, MP 1.15 to MP 1.18) Estimated Total Project Cost - \$960,000 This project proposes to install a tr 34. Waipuliani Bikepath ance Kulanihakoi Street (Route 3175) to W. Waipulani Road (Route 3170) Estimated Total Project Cost - \$2,180,000 The proposed scope of work for 35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and 9681 Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92)	CON affic signal at CON this project or CON	onsists of the co	nstruction of a n	new 12 ft. wide n 240	nulti-use path to	accommodate j	pedestrians an	ever, other altern	ping, signage	evaluated and co	1,730 street lighting wil	1,384	346 f the constructio	n.			ning on Waiale	Road to accom		STP ENHANCEMENT

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

	Project Criteria Color Ke		= SYSTEM PRESE	ERVATION	PURPLE = SAI	FETY IMPROVE	MENTS BRO	OWN = CONGI	ESTION MITIGA	TION PINK	= MODERNIZAT	ION ORANGE	= ENHANCEM	ENT BLUE =	HUMAN SERV	ICES TRANSF	PORTATION PE	ROGRAM TU	RQUOISE = TR	ANSIT	
			FFY2015 (0			FFY2016	(Oct 1, 15 - Ser	30, 16)	FFY2017										(Oct 1, 19 - Se	p 30, 20)	
	₽Ŗ ⊚ JEC†	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
	COUNTY OF MAUI - FTA																				
MC36.	Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870	219	FTA SECTION 5339 (Rural Bus Prgm)
Transit								l													
	Estimated Total Project Cost - \$6,062,000 Capital projects to replace, reha						us-related facilit	ies.													
MC37.	Rural Transportation Program	OPR	1,000	500	500	1,030	515	515	1,062	531	531	1,094	547	547	1,128	564	564	1,162	581	581	FTA SECTION 5311
Transit			<u> </u>																		
	Estimated Total Project Cost - \$6,476,000 Planning, capital, operating, job	access and re	everse commute pr	rojects, and t	he acquisition of	public transpor	tation services.														
MC38	Urbanized Area - Kahului	PLN/EQP/OPF	2,040	1,020	1,020	2,102	1,051	1,051	2,166	1,083	1,083	2,232	1,116	1,116	2,300	1,150	1,150	2,370	1,185		FTA SECTION 5307 - Kahului (pop 50,000 - 199,999)
Transit																					
	Estimated Total Project Cost - \$13,210,000 Provides grants to Urbanized	Areas for publ	ic transportation ca	apital, plannii	ng, job access ar	nd reverse comi	mute projects, a	s well as opera	ating expenses i	n certain circun	nstances.										
MC39.	Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
Human																					
I																					
	Estimated Total Project Cost - \$2,727,000 Enhanced Mobility of Seniors at	nd Individuals					m will be utilize	d for the purch	ase of vehicles.												
	MAUI : COUNTY OF MAUI - FTA TOTAL	I	4,394	2,603	1,791	4,529	2,683	1,846	4,669	2,766	1,903	4,811	2,850	1,961	4,960	2,938	2,022	5,112	3,028	2,084	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision Effective Date: July 11, 2014

Project Criteria Color Ke	ey: GREEN					EMENTS BROWN = CONG											RQUOISE = TR		
						(Oct 1, 15 - Sep 30, 16)				FFY2018 ((Oct 1, 17 - Se	p 30, 18)	FFY2019	(Oct 1, 18 - S	Sep 30, 19)	FFY2020			
₽Ř@JECŤ	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000) (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS									
FUNDING CATEGORY SUMMARY - MAUI																			
NHPP (National Highway Performance Program)			2,800			673		175			18,000			21,000			16,280		
BRIDGE OFF-SYSTEM			0			0		0			0			0			0		
STP ENHANCEMENT			800			3,440		0			1,384			0			0		
STP FLEXIBLE			11,321			21,307		19,158			8,388			31,392			29,419		
SECTION 1404 - (Safe Routes to School)			0			0		0			0			0			0		
HSIP (Highway Safety Improvement Program)			0			0		1,217			0			0			0		
NATIONAL RECREATIONAL TRAILS			359			359		359			359			359			359		
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0			0		
EQUITY BONUS			0			0		0			0			0			0		
EARMARK - HIGH PRIORITY			0			0		0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0			0		
EARMARK - SECTION 112			0			0		0			0			0			0		
EARMARK - SECTION 115			0			0		0			0			0			0		
EARMARK - SECTION 117			0			0		0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			0			0		0			0			0			0		
NRCS (National Resources Conservation Service)			0			0		0			0			0			0		
TIGER			0			0		0			0			0			0		
HIGHWAYS FOR LIFE			0			0		0			0			0			0		
FTA TRANSFER FUNDS			0			0		0			0			0			0		
IMD (NHPP Discretionary)			0			0		0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0			0			0		
	SUBTOTAL		15,280			25,779		20,909			28,131			52,751			46,058		
LESS DISCRETIONARY, DEMOETC. PROJECTS			0			0		0			0			0			0		
LESS FTA TRANSFER FUNDS			0			0		0			0			0			0		
			0			0		0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL	-	15,280			25,779		20,909			28,131			52,751			46,058		

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

		FFY2015 (Oct 1, 14 -	Sep 30, 15)	FFY2016	(Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Sc	p 30, 17)	FFY2018 (Oct 1, 17 - S	Sep 30, 18)	FFY2019	(Oct 1, 18 - Sep 30, 1		′2020 (Oc	st 1, 19 - Sej	30, 20)	
			LOCAL	TOTAL	FEDERAL		TOTAL		LOCAL	TOTAL FEDERAL		TOTAL	FEDERAL LOC		AL I	FEDERAL		FUND CATEGORY & REMARKS
PROJECT	PHASE	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (x\$10	000) (x\$10	00)	(x\$1000)	(x\$1000)	: . : . : . : . : . : . : . : . : . : .
							,											
KAUAI : STATE - FHWA																		
Bridge and Pavement Improvement Program, Kauai	CON	12,000	12,000	12,000	0	12,000	12,000	0	12,000	12,000 0	12,000	12,000	0 1	2,000 12	2,000	0	12,000	NHPP / STP FLEXIBLE
Pres Control of the C																		
Estimated Total Project Cost - \$67,200,000 System maintenance of highway	bridges and	pavements. Work may include	de bridge and/or p	avement recons	truction, resurfa	cing, restoration	on, rehabilitation	and/or preserva	ation.									
Yearly lump sum amounts represent total State Special Maintenance Program											unded resurfacing	and pavemen	t and bridge preservation	n projects (Syste	m Preser	rvation)		
The current list of prioritized proposed SMP projects has been posted on the	STIP website	at: http://hidot.hawaii.gov/hig	hways/other/other	r-related-links/sti	p/. Qualified an	d priority SMP	projects could r	eceive federal f	unds should they	y become available.								STP FLEXIBLE
Guardrail and Shoulder Improvements on State Highways, Kauai		100 80																STP FLEXIBLE
ty Part 3	DES CON	100 80	20	1.000	800	200				 								
Part 4	DES			1,000	800	200	100	90	20									
rait+	CON						100	- 00	20	1.000 800	200							
Part 5	DES									.,		100	80	20				
· 	CON														1,000	800	200	
Estimated Total Project Cost - \$3,300,000 Improve guardrails and shoulder	s at various Ir	ocations.																
Kapule Highway / Rice Street / Waapa (Route 51) Road	ROW			0	0	0				850 680	170							NHPP
res Improvements and Nawiliwili Bridge Replacement	CON									0 0	0				4,185	3,348	837	(defer & inflate for financial constra
Estimated Total Project Cost - \$5,440,000 Strengthen/widen existing Nawili					duding new sign	ning and stripir	ng and guardrails	. Improve road	lway approach to	the bridge.								
. Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW	0 0	0				67	52	15		 				0.000			NHPP
Pres Bridge No. 7E	CON		+							0 0	0				ь,960	5,568	1,392	(defer & inflate for financial constra
Followed and Total Project Coat \$7.365.000 Project behiller 1.11	Voumur-III I I	ighugus undata to coment ' ' '	no otondo								+							
Estimated Total Project Cost - \$7,365,000 Repair/rehabilitate bridge 7E on Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW ROW	griway update to current bridg	e standards.							105 80	25							STP FLEXIBLE
Pres Hanapepe Bridge	CON	 	, ,	0	0	0				103 80	23			2	7 000	10.000	16,400	(defer & inflate for financial constra
hanapepe Bridge	ADVCON				·	ŭ	0	0	0						.,,000	10,000	10,400	(deter a limate for financial consti
	7.5700.1						Ů	ŭ										
Estimated Total Project Cost - \$27,000,000 Repair existing bridge substruc-	ture, includir	ng the initiation of scour preve	ention measures to	improve bridge	footings.													
Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW	108 8!	5 23															STP FLEXIBLE
Pres Omao Bridge	CON	0 (0							7,650 620	7,030							(Add ROW from 11-14 STIP)
	ADVCON											0	5,500 (5,500)				(Defer & inflate for financial constr
																		(add ADVCON for financial constra
Estimated Total Project Cost - \$8,000,000 Rehabilitation of concrete T-girde		Kaumualii Hwy in the vicinity of	of Omao Road.															
. Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON						18,400	10,000	8,400									NHPP
ern Phase IB	ADVCON									0 4,720	(4,720)							(Redistribute federal and local
										 								amounts; total amounts remain sai
I. Estimated Total Project Cost - \$22,000,000 Construction for widening of Ka	umualii Hiah	way Anonyi Stroot to vicinity	of Kiny Pood, from	n two to four lan	200						+							
. Kuhio Highway (Route 56), Bridge Replacement	ROW	790 632			63.													NHPP
Pres Kapaia Bridge	CON	700 002	100	10.710	2.568	8.142												(use ADVCON)
· · · · · · · · · · · · · · · · · · ·	ADVCON						0	6,000	(6,000)									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Estimated Total Project Cost - \$12,000,000 Replacement of a multi-T beam		oncrete girder on Kuhio Hwy	in the vicinity of Ka	apaia.														
. Kuhio Highway (Route 560), Bridge Rehabilitation	ROW	0 0	0	595	476	119												STP FLEXIBLE
Pres Waioli, Waipa, and Waikoko Stream Bridges	CON			0	0	0						9,000	2,200	6,800				(Defer, inflate all phases. Env doc
	ADVCON	++-					0	0	0		-				0	5,000	(5,000)	won't be ready for ROW oblig in 2
5 / 1 / T / P / 10 / \$44,000,000 B / 1/// / 1 / 1 / 1		+									 							
Estimated Total Project Cost - \$11,000,000 Rehabilitate existing bridges.	CON	10.040	0.440								+			_				STP FLEXIBLE
Kuhio Highway (Route 56) Emergency Slope Stabilization, res Kalihiwai Bridge	CON	12,240 9,792	2,448								1							(Add from 11-14 STIP)
тез паштимат вподе		+	1								+							(Add from 11-14 STIP)
Estimated Total Project Cost - \$14,000,000 - Slope stabilization including clea	aring troop re	emovina loose rocks installin	a rock anchors on	d installing ship	dina for motoris	ets				 	1							
	DES	moving roose rocks, maldilling	g room amoniors and	a moraning offer	ang for motoris					0 0	n							EARMARK HIGH PRIORITY (HIG
0. Kuhio Highway (Route 56) Improvements.			1							0 0	0							EARMARK HIGH PRIORITY (HIO
D. Kuhio Highway (Route-56) Improvements, ern Hanamaulu te Kapaa. Phase I								0	0	İ	1							NHPP (Delete EIS identifies "n
	DES PREROW	+					U	U										
rn Hanamaulu to Kapaa, Phase I							0								0	0	0	build" alt; smaller congestion mitig
In Hanamaulu te Kapaa, Phase I Estimated Total Project Cost \$48,000,000 — Design and construct improven	DES PREROW ROW cent alternative	e identified in the approved E	nvironmental Imp	act Statement as	the Preferred	Alternative.	0								0	0	0	build" alt; smaller congestion mitiq projects will be developed)
Hanamaulu to Kapaa, Phase I Estimated Total Project Cost \$48,000,000 Design and construct improvem Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements	PREROW ROW ROW ROW	re identified in the approved E	nvironmental Impo	act Statement as	the Preferred	Alternative.	0	U		550 440	110				0	0		projects will be developed) NHPP
Hanamadu to Kapaa, Phase I Estimated Total Project Cost \$49,000,000 Design and construct improvem Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements	DES PREROW ROW cent alternative	re identified in the approved E	Environmental Imp	a ct Statement as 0	the Preferred a	Alternative.	0	0		550 440	110	10,600	8,480	2,120	0	0		projects will be developed) NHPP
Hanamaulu te Kapaa, Phase I Estimated Total Project Cost \$48,000,000 Design and construct improvem Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	DES PREROW ROW nent alternative ROW CON	re identified in the approved E	Environmental Imp	act Statement as 0	s the Preferred of	Alternative:	0			550 440	110	10,600	8,480	2,120	0	0		projects will be developed) NHPP
Handradu to Kapaa, Phase I Estimated Total Project Cost \$48,000,000 Design and construct improvements and Kapaa Stream Bridge Rehabilitation Estimated Total Project Cost - \$11,500,000 Safety improvements at Mailihu	PREROW ROW ROW ROW CON AND A ROAD ROAD ROAD ROAD ROAD ROAD ROAD ROAD	re-identified in the approved E 0 (section and Kapaa Stream B	Divironmental Impo			Alternative. 0 ers for pedestri	ans and bicycles	. The bridge wi	II be strengthene	550 440 d to accommodate present da	110 y vehicular modes	10,600	8,480	2,120	0	0		projects will be developed) NHPP (defer & inflate for financial const
Hanamaulu te Kapaa, Phase I **Estimated Total Project Cost - \$48,000,000 — Design and construct improvem Kuhio Highway (Route 56), Malilhuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation **Estimated Total Project Cost - \$11,500,000 Safety improvements at Mailihu Kuhio Highway (Route 56)	PES PREROW ROW ROW ROW CON CON UNA Road inter DES	e identified in the approved E	nvironmental Impe 0 0	act Statement as 0 ardrail upgrades 120	0 s, wider shoulde	Alternative. 0 ers for pedestri 24	ans and bicycles	. The bridge wi	II be strengthene				8,480	2,120	0	0		projects will be developed) NHPP
Estimated Total Project Cost \$48,000,000 — Design and construct improvem Kuiho Highway (Route 56), Mailhuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Estimated Total Project Cost - \$11,500,000 Safety improvements at Mailinu Kuiho Highway (Route 56) Safety Improvements	PREROW ROW ROW ROW CON Ina Road inter	re-identified in the approved E	Environmental Imp 0 0			Alternative. 0 ers for pedestri 24	ans and bicycles	. The bridge wi	II be strengthene	550 440 550 440 d to accommodate present da: 1,080 864			8,480	2,120	0	0		projects will be developed) NHPP (defer & inflate for financial constr
Hanamaulu-te-Kapaa, Phase I Estimated Total Project Cost - \$48,000,000 - Design and construct improvem Kuhio Highway (Route 56), Malithura Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Estimated Total Project Cost - \$11,500,000 Safety improvements at Mailihu Kuhio Highway (Route 56)	PES PREROW ROW ROW ROW CON CON UNA Road inter DES	e identified in the approved E	Environmental Imp. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Alternative: 0 ers for pedestri 24	ans and bicycles	. The bridge wi	II be strengthene				8,480	2,120	0	0		projects will be developed) NHPP (defer & inflate for financial const
Hanamaulu te Kapaa, Phase I Estimated Total Project Cost - \$48,000,000 — Design and construct improvem Kuhio Highway (Route 56), Malithuna Road Intersection Improvements at Malithus and Kapaa Stream Bridge Rehabilitation Estimated Total Project Cost - \$11,500,000 Safety improvements at Malithus (Kuhio Highway (Route 56)) Kuhio Highway (Route 56) Safety Improvements MP 21.4 - 27.1	PES PREROW ROW ROW CON CON Ina Road inter DES CON			120	96	24							8,480	2,120	0	0		projects will be developed) NHPP (defer & inflate for financial const
Estimated Total Project Cost - \$48,000,000 - Design and construct improvem Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Estimated Total Project Cost - \$11,500,000 Safety improvements at Mailihu Kuhio Highway (Route 56) Safety Improvements MP 21.4 - 27.1 Estimated Total Project Cost - \$1,200,000 includes but not limited to, install	PES PREROW ROW ROW CON CON PES CON Red inter ROW CON Red inter ROW ROW ROW ROW ROW ROW ROW ROW ROW ROW	ed rumble strips on centerline	and shoulders. Su	120	96 ssessment along	24 g entire segme	nt along with pa	vement marking	ıs and signing.	1,080 864	216		8,480	2,120	314	251		projects will be developed) NHPP (defer & inflate for financial constr
Hanamaulu te Kapaa, Phase I Estimated Total Project Cost - \$48,000,000 — Design and construct improvem Kuhio Highway (Route 56), Malithuna Road Intersection Improvements at Malithus and Kapaa Stream Bridge Rehabilitation Estimated Total Project Cost - \$11,500,000 Safety improvements at Malithus (Kuhio Highway (Route 56)) Kuhio Highway (Route 56) Safety Improvements MP 21.4 - 27.1	PES PREROW ROW ROW CON CON Ina Road inter DES CON	ed rumble strips on centerline	and shoulders. Su	120	96 ssessment along	24	nt along with pa	vement marking		1,080 864	216		8,480	2,120	314	251	63	projects will be developed) NHPP (defer & inflate for financial constr
Estimated Total Project Cost - \$48,000,000 - Design and construct improvem Kulio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Estimated Total Project Cost - \$11,500,000 Safety improvements at Mailihu Kulio Highway (Route 56) Safety Improvements MP 21.4 - 27.1 Estimated Total Project Cost - \$1,200,000 includes but not limited to, install	DES PREROW ROW Hent alternative ROW CON Ina Road inter DES CON lation of milled CON	d rumble strips on centerline 314 251	and shoulders. St.	per elevation as	96 ssessment along 251	24 q entire segme 63	nt along with pa 314	rement marking 251	s and signing.	1,080 864	216		8,480	63	314	251	63	NHPP (defer & inflate for financial constri

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

r rojest Ortena Color Ney	OKLEN	= SYSTEM PRESERVATION FFY2015 (Oct 1, 14												Oct 1. 18 - Se			(Oct 1, 19 - Se		
₽RøJEC†	PHASE	TOTAL FEDERA (x\$1000) (x\$1000	L LOCAL	TOTAL (x\$1000)		LOCAL	TOTAL (x\$1000)		LOCAL	TOTAL FET	ERAL	LOCAL (x\$1000)	TOTAL	FEDERAL	LOCAL	TOTAL (x\$1000)		LOCAL (x\$1000)	FUND CATEGORY & REMARK
COUNTY OF KAUAI - FHWA																			
Bridge Inspection and Appraisal	PLN/DES			125	100	25				125	100	25				125	100	25	STP FLEXIBLE
res Estimated Total Project Cost - \$375,000 Inspection of various bridges throu	ahout the Co	ountv. FHWA Requirement.	This is a regularly s	cheduled progra	am.														
Hanapepe Road (Rte 545) Resurfacing	CON	3,000 2,4	00 600	0	0	0													STP FLEXIBLE (advance to reflect project readine:
Estimated Total Project Cost - \$3,200,000 Resurface the entire length (540)	0 feet) of Har		lamation (FDR) tec 80 20		used on this pro	iect whenever i	necessary to ma	tch existing adja	acent facilities.										STP FLEXIBLE
Kawaihau Road (Route 5860), Hauaala Road (Route 5865) Mailihuna Road (Route 5870), Complete Street & Safety Improvements	DES		20 55																Changed project title to not include
, , , , , , , , , , , , , , , , , , , ,	CON			0	0	0	3,060	2,450	610										"Safe Routes to School" since it is
Estimated Total Project Cost - \$3,435,000 Construction of roundabouts at I						n; Sidewalk an	d pedestrian cro	ssing improvem	nents on Kawaiha	au Rd (Route 5860); Sid	lewalk cons	struction on H	auaala Rd (Ro	ute 5865) in the	vicinity of Sail	nt Catherine Sci	ool;		utilizing this grant program (defer to reflect schedule)
Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk co Lihue-Anahola Coastal Bike Path	nstruction on	Mailihuna Rd (Route 5870)	; Bus stop shelters	on Kawaihau R	d (Route 5860).														STP ENHANCEMENT
Lihue-Anahola Coastal Bike Path nce Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path																			51P ENHANCEMENT
Phase C & D	CON	1,500 1,5	00 0																
A shared-use path for pedestrians, bicyclists, and other users from Papaloa F	Road to Uhele	ekawawa Canal, a distance	of approximately 1	2 miles . The bi	ke/pedestrian pa	ath will be 10 to	12 feet wide an	d allow movem	ent in both direct	tions.									
Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path		The second second	.,,		, caracter po														
Phase A - Ahukini Landing to Hanamaulu Beach Park	DES CON	0	0 0	1,100	1,100	0				7 425	7.405								
Phase B - Hanamaulu Beach Park to Wailua Golf Course	DES			0	0	0	800	800	0	7,425	7,425	0							(defer to reflect schedule and final constraint)
	ROW									0	0	0	4,080	4,080	0				
The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connectin	a with an avi	isting path at Ludgata Park	A futuro phaso C u	ill ao from Mail	un Golf Course	to Ludgato Par	k and cost \$0.5 r	nillion											
Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path	y willi ali exis	sung paur at Lyugate Park.	A luture priase C w	ili go ironi vvali	da Goil Course i	U Lyugale Fall	k anu cost \$9.5 n	minori.											
Phase A - Ninini Point to Ahukini	DES	0	0 0	1,835	1,835	0													
	ROW CON			0	0	0	0	0		410	410	0	6.720	6.720	0				
Phase B - Ninini Point to Nawiliwili Beach Park	DES						U	U	U	1,000	1,000	0	6,730	6,730	0				
	CON												0	0	0	19,600	19,600	0	
Path development will consist of a 10 to 12-foot wide concrete shared-use co			intenance materials	. Bike lane and	sidewalk improv	ements to exis	sting and planned	d street corridor	s will provide ad	ditional connectivity thro	ough urban	areas.							
Estimated Total Project Cost - \$50,500,000 Complete Lihue - Anahola Coa		th, a shared use path.											0.000	1,600	400				OTD ELEVIDLE
Northerly Leg of the Western Bypass Road ern (Ala Kalanikaumaka (Route 522))	DES CON												2,000	1,600	400	(0	0	STP FLEXIBLE (defer to reflect schedule and fina
, , , , , , , , , , , , , , , , , , , ,																			constraint)
Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation	with 12' lanes CON	s and 6' shoulders. The proje	ect begins at Koloa	Road and the co	ompleted section 2,400			ersection, headii	ng northeast and	connecting to Maluhia	Road at the	e intersection	of Maluhia and	l Ala Kinoike.					STP FLEXIBLE
Pres	CON			3,000	2,400	600													STP FLEXIBLE
Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng					butments, concr			installation of a	new bridge rails	and restoration of exis	ting steel t	truss members	s.						
Poipu Road (Route 520) Multimodal Improvements	PLN DES	100 400 3	80 20	- ·	0	0				 									STP FLEXIBLE (advance to reflect schedule and
	CON	400 0	20 00	Ů	Ů	Ů	4,500	3,600	900										financial constraint)
Estimated Total Project Cost - \$5,000,000 Construction of sidewalks and bi	les lanas: Inte	oranation and padantrian are	and improvement	o: Construction	of a roundahout	at Viahuma Dla	ntation Drive int	aracetian and A	la Vinaikii Canat	rustion of hus stan shall	lara: Canate	ruotion of mos	diana and lands	noning					
Puhi Road (Route 5010) Rehabilitation	DES		00 50		or a roundabout	at Nanuna Pia	intation Drive inte	ersection and A	la Kinoiki; Const	ruction of bus stop sner	ers; Consti	ruction of med	nans and iands	scaping					STP FLEXIBLE
res Phase 2 - Kaneka Street to S. Halekuna Street (MP 0.35 to 0.80)	CON						3,500	2,800	700										
Estimated Total Project Cost - \$6,750,000 Rehabilitate Puhi Road. Phase 1	was from Ka	aumualii Hwy (MP 0,00) to F	Kaneka Street, Phas	e 2 will rehabili	tate Puhi Road f	rom Kaneka St	reet to South Ha	leukana Street i	Intersection (MP	0.35 to MP 0.80), pave	ment widen	nina, incorpora	atina Complete	Streets principle	es, and replac	cina pavement n	arkers, striping	and traffic sig	ns.
Puuopae Bridge Rehabilitation	CON	3,000 2,4			dio 7 din 1 toda n	- Com manona Ci	TOOL TO GOGGITTIA	Tourid Oli Ool 1	mkoroooson (mn	0.00 to 1/11 0.00), pave	non waon	arig, arourpore	ing complete	Ou coto principi	oo, ana ropiao	ng paromont n	amoro, amping,		STP FLEXIBLE
Tes	than the arri-	ting Duyanaa Bridga too	forming the rest	mont of otes! =::	doro constr:	on of now a	roto obutmosts	and installation	of a naw as	to dook and bridg!!-	-								
Estimated Total Project Cost - \$3,600,000 Repair or rehabilitate and streng D. Rice Street (Route 5020) Improvements	then the exist PLN	ину гийорае впаде ву реп	oming the replace	ment of steel gir 100	uers, constructio	on of new conc		and installation	or a new concre	ie ueck and bridge falls	-								STP FLEXIBLE
MP 0-MP 1.00	DES			400	320	80	0	0	0										(advance to reflect schedule and
	CON									3,000	2,400	600							financial constraint)
Estimated Total Project Cost - \$3,500,000 Construction of medians, bicycle	facilities (bik	ke lanes and sharrows). res	triping, bus shelters	and improven	nents at intersec	tions and pede	estrian crossinas.												

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

	Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT [FF72015 (Oct 1, 74 - Sep; 30, 16)																				
			FFY2015	(Oct 1, 14 - S	pp 30, 15)	FFY2016	Oct 1, 15 - Ser	30, 16)	FFY2017	(Oct 1, 16 - Se	p 30, 17)	FFY2018	(Oct 1, 17 - Sep	30, 18)	FFY2019	(Oct 1, 18 - S	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	
	PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
										1											
	COUNTY OF KAUAI - FTA																				
KC11.	Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
Transit																					
	Estimated Total Project Cost - \$3,400,000 Capital projects to replace, reha	bilitate and pu	rchase buses, v	ans, and relate	d equipment, and	to construct bu	ıs-related faciliti	es.													
KC12.	Rural Transportation Program	OPR	2,000	1,000	1,000	2,060	1,030	1,030	2,122	1,061	1,061	2,186	1,093	1,093	2,252	1,126	1,126	2,320	1,160	1,160	FTA SECTION 5311
Transit																					FTA SECTION 5311
	Estimated Total Project Cost - \$13,000,000 Planning, capital, operating, in	b access and	reverse commu	ite projects, and	the acquisition	of public transp	ortation services														
L																					
	KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke	ey: GREEN =											= ENHANCEMENT BLUE =							
				ep 30, 15)							FFY2018	(Oct 1, 17 - Sep 30, 18)	FFY2019	(Oct 1, 18 - Se	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	
₽R⊚JECŤ	PHASE	TOTAL (x\$1000)		LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$4000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FUNDING CATEGORY SUMMARY - KAUAI		(1000)	(201000)	(X4.000)	(201000)	(201000)	(A\$1000)	(x0.000)	(201000)	(X41000)	(441000)	(Aptions)	(ACTOCO)	(1000)	(441000)	(x4.000)	(2000)	(2000)	· · · · · · · · · · · · · · · · · · ·
NHPP (National Highway Performance Program)			632			2,568			16,052			5,840		8,480			8,916		
BRIDGE OFF-SYSTEM			0			0			0			0		0			0		
STP ENHANCEMENT			1,500			2,935			800			8,835		10,810			19,600		
STP FLEXIBLE			15,657			4,176			8,930			4,000		9,380			15,900		
SECTION 1404 - (Safe Routes to School)			0			0			0			0		0			0		
HSIP (Highway Safety Improvement Program)			0			96			0			864		0			0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251		251			251		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0		0			0		
FTA TRANSFER FUNDS			0			0			0			0		0			0		
EQUITY BONUS			0			0			0			0		0			0		
EARMARK - HIGH PRIORITY			0			0			0			0		0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0		0			0		
EARMARK - SECTION 112			0			0			0			0		0			0		
EARMARK - SECTION 115			0			0			0			0		0			0		
EARMARK - SECTION 117			0			0			0			0		0			0		
FLHD (Federal Lands Highway Discretionary)			0			0			0			0		0			0		
NRCS (National Resources Conservation Service)			0			0			0			0		0			0		
TIGER			0			0			0			0		0			0		
HIGHWAYS FOR LIFE			0			0			0			0		0			0		
IMD (NHPP Discretionary)			0			0			0			0		0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0		0			0		
	SUBTOTAL		18,040			10.026			26,033			19,790		28,921			44,667		
	COBICIAL		10,040			10,020			20,000			13,730		20,321			44,007		
LESS DISCRETIONARY, DEMOETC. PROJECTS			0			0			0			0		0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0		0			0		
			0			0			0			0		0			0		
REGULAR FORMULA AUTHORITY	TOTAL		18,040			10,026			26,033			19,790		28,921			44,667		

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT FFY2015 (Oct 1, 14 - Sep 30, 16) FFY2016 (Oct 1, 15 - Sep 30, 16) FFY2017 (Oct 1, 16 - Sep 30, 17) FFY2018 (Oct 1, 17 - Sep 30, 18) FFY2019 (Oct 1, 18 - Sep 30, 19) FFY2010 (Oct 1, 17 - Sep 30, 19) FFY2010 (Oct 1, 18 - Sep 30, 19) FFY2010																				
		FFY2015	(Oct 1, 14 - Se	ep 30, 15)	FFY2016													(Oct 1, 19 - Se	p 30, 20)	
PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	-FUND CATEGORY & REMARKS
FTA SUMMARY																				
STATEWIDE		1,222	917	305	810	721	89	0	0	0	0	0	0	0	0	0	0	0	0	
OAHU, STATE		1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477	
C&C OF HONOLULU		1,149,483	381,176	768,307	1,188,620	384,019	804,601	887,406	286,601	600,805	522,267	170,000	352,267	123,999	41,852	82,147	126,642	43,111	83,531	
COUNTY OF HAWAII		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
MAUI, STATE		24,733	3,385	21,348	33,208	10,165	23,043	27,651	5,851	21,800	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	
COUNTY OF MAUI		4,394	2,603	1,791	4,529	2,683	1,846	4,669	2,766	1,903	4,811	2,850	1,961	4,960	2,938	2,022	5,112	3,028	2,084	
COUNTY OF KAUAI		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
FTATOTAL		1,185,974	391,606	794,368	1,233,498	401,221	832,277	926,250	298,961	627,289	598,252	195,867	402,385	180,160	78,781	101,379	222,559	80,765	141,794	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

	1 - 1 - 1 - 1	FFY2015	(Oct 1, 14 - S			(Oct 1, 15 - Sep		FFY2017												
PRØJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FHWA SUMMARY																				
STATEWIDE		39,797	8,227	31,570	48,572	12,887	35,685	38,195	6,965	31,230	40,945	6,745	34,200	38,545	5,515	33,030	37,245	5,885	31,360	
Oahu - State		151,332	74,098	77,234	150,700	74,679	76,021	120,061	74,542	45,519	97,670	71,656	26,014	117,629	69,427	48,202	93,444	69,912	23,532	
City and County of Honolulu		30,669	17,000	13,669	37,411	17,000	20,411	31,669	16,580	15,089	34,935	16,560	18,375	55,035	18,430	36,605	54,435	18,430	36,005	
ISLAND OF OAHU		182,001	91,098	90,903	188,111	91,679	96,432	151,730	91,122	60,608	132,605	88,216	44,389	172,664	87,857	84,807	147,879	88,342	59,537	
Hawaii - State		71,155	45,048	26,107	20,851	12,533	8,318	24,349	6,460	17,889	96,720	13,768	82,952	58,869	62,495	(3,626)	42,289	42,439	(150)	
County of Hawaii		18,400	14,720	3,680	22,850	10,984	11,866	12,400	13,240	(840)	18,830	10,144	8,686	0	9,920	(9,920)	12,600	10,080	2,520	
ISLAND OF HAWAII		89,555	59,768	29,787	43,701	23,517	20,184	36,749	19,700	17,049	115,550	23,912	91,638	58,869	72,415	(13,546)	54,889	52,519	2,370	
Maui - State		24,733	3,385	21,348	33,208	10,165	23,043	27,651	5,851	21,800	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	
County of Maui		18,473	11,895	6,578	22,475	15,614	6,861	21,473	15,058	6,415	12,040	8,972	3,068	29,730	22,736	6,994	20,214	15,531	4,683	
ISLAND OF MAUI		43,206	15,280	27,926	55,683	25,779	29,904	49,124	20,909	28,215	76,489	28,131	48,358	73,999	52,751	21,248	103,873	46,058	57,815	
Kauai - State		25,552	10,840	14,712	24,739	4,191	20,548	30,881	16,383	14,498	23,549	8,455	15,094	32,014	16,511	15,503	51,459	24,967	25,892	
County of Kauai		8,625	7,200	1,425	6,560	5,835	725	11,860	9,650	2,210	11,960	11,335	625	12,810	12,410	400	19,725	19,700	25	
ISLAND OF KAUAI		34,177	18,040	16,137	31,299	10,026	21,273	42,741	26,033	16,708	35,509	19,790	15,719	44,824	28,921	15,903	71,184	44,667	25,917	
FHWA TOTAL		388,736	192,413	196,323	367,366	163,888	203,478	318,539	164,729	153.810	401,098	166,794	234,304	388.901	247.459	141.442	415.070	237.471	176,999	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: DRAFT CONSTRAINED

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)

Project Criteria Color Ke	ey: GREEN =					EMENTS BROWN = CONG											QUOISE = TR		
- [6:04:04:04:04:04:04:04:04:04:04:04:04:04:						(Oct 1, 15 - Sep 30, 16)													8
PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000) (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL F (x\$1000) (EDERAL x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FUNDING CATEGORY SUMMARY - ENTIRE STIP																			
NHPP (National Highway Performance Program)			73,235			81,066		89,570			93,489			133,228			112,789		
BRIDGE OFF-SYSTEM			0			0		0			0			0			0		
STP ENHANCEMENT			2,300			8,459		800			12,619			10,810			22,720		
STP FLEXIBLE			77,690			65,490		65,568			56,031			99,780			97,471		
SECTION 1404 - (Safe Routes to School)			1,300			1,500		1,400			1,500			750			0		
HSIP (Highway Safety Improvement Program)			5,127			4,794		5,930			1,694			630			3,030		
NATIONAL RECREATIONAL TRAILS			1,196			1,196		1,196			1,196			1,196			1,196		
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0			0		
FTA TRANSFER FUNDS			0			0		0			0			0			0		
EQUITY BONUS			0			0		0			0			0			0		
EARMARK - HIGH PRIORITY			0			1,118		0			0			800			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0			0		
EARMARK - SECTION 112			0			0		0			0			0			0		
EARMARK - SECTION 115			0			0		0			0			0			0		
EARMARK - SECTION 117			0			0		0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			265			265		265			265			265			265		
NRCS (National Resources Conservation Service)			0			0		0			0			0			0		
TIGER			27,000			0		0			0			0			0		
HIGHWAYS FOR LIFE			0			0		0			0			0			0		
IMD (NHPP Discretionary)			4,300			0		0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0			0			0		
	SUBTOTAL		192,413			163,888		164,729			166,794			247,459			237,471		
LESS DISCRETIONARY, DEMOETC. PROJECTS			(31,565)			(1,383)		(265)			(265)			(1,065)			(265)		
LESS FTA TRANSFER FUNDS			0			0		0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		160,848			162,505		164,464			166,529			246,394			237,206		